Eurekify Sage Reports

User Manual

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Preface

About This Manual

Sage Reports is a powerful reporting platform based on Microsoft SQL Server Reporting Services. It offers a comprehensive set of reports that ranges from simple enumerating reports to sophisticated analytical ones. Using the reports will enable you to easily extract meaningful data from your Sage database. This guide will help you get started.

This manual describes background and general information on Sage Reports, provides a description of each report, and describes how to subscribe to reports.

CHAPTER 1 Describes the prerequisites needed for installing and running Sage Reports, installation instructions, and provides general information for operating and viewing, and exporting reports.

CHAPTER 2 Provides a brief description of each report, indicating the parameters and prerequisites required to produce the report, and provide a sample output of each report.

CHAPTER 3 Describes how to subscribe to Sage reports.

Who Should Use This Manual

This manual is intended for System Engineers, Role Engineers, Business line managers alike. Anyone who is likely to need to install Sage Reports, Customize the Reports, and Produce the Reports. This manual assumes that the Role Engineer has had professional training on a Sage system and is familiar with the Sage documentation that accompanied the Sage installation package.

Familiarity with the Microsoft operating system and applications and relevant peripheral and remote equipment is also assumed.

Document Conventions

To facilitate working with this user manual, Eurekify has adapted the following symbols in the body of the manual to focus on issues of special importance. The user should pay careful attention to sections that contain the following conventions:

Important information. Read carefully.

Recommended activity.

Contact Information

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CHAPTER 1 – General Background

The topics covered in this chapter include:

- Prerequisites – What you need to have before installing Sage Reports.
- Installing Sage Reports – Walks you through the installation process.
- Introducing: the Reports.
- Viewing Reports – Basic things you need to know.
- Exporting Reports to other formats.
- Changing the customer logo.

1.1 Prerequisites

Before installing Sage Reports you MUST have:

- A machine with Windows XP or Windows 2000/2003 Server.
- .NET framework 1.1 or higher.
- Internet Information Services (IIS) 5.0 or higher.
- SQL Server of one of the following versions
    - SQL Server 2000 (Full version, not MSDE).
    - SQL Server 2000 Service Pack 4 or higher.
    - SQL Server 2005 (Requires .NET 2.0)
    - SQL Server 2005 Express Editions with Advanced Features
- SQL Reporting Services.
- SQL Reporting Services Service Pack 2.

For further details check the *Eurekify Sage Enterprise Role Management Installation Guide* provided as part of the documentation set.

- Tips:
- Enable IIS from Control Panel -> Add/Remove Programs -> Add/Remove windows components.
- To install ASP.NET, download the file dotnetfx.exe from Microsoft's web site.
- Install the SQL Server 2000 version (Enterprise, Standard, Developer…) that suits your platform (Windows XP, 2000…)
- Before installing SageReports, verify that Reporting Services is functioning: go to http://localhost/reports. You should see a similar page as shown below:

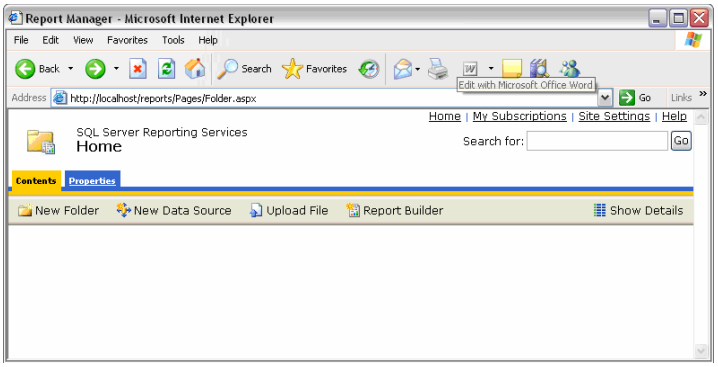


Figure 1. Reporting Services

1.2 Installing Sage Reports

Eurekify Sage ERM Reports Server is installed by running the EurekifySageERM-ReportsServer-V30.msi file that you received as part of the Eurekify ERM Sage installation package.

To Install Sage Reports:

1. Locate and run the file to launch the installation wizard. The splash screen appears automatically.
2. Click Next and the Welcome step appears.
3. Click Next to move to the license screen. Read the license and accept the terms of the license agreement.
4. Click Next, the Installation Settings step appears. Accept or modify the values for the DB Name, SQL Server Name, Report Server URL, and Web Folder Name.

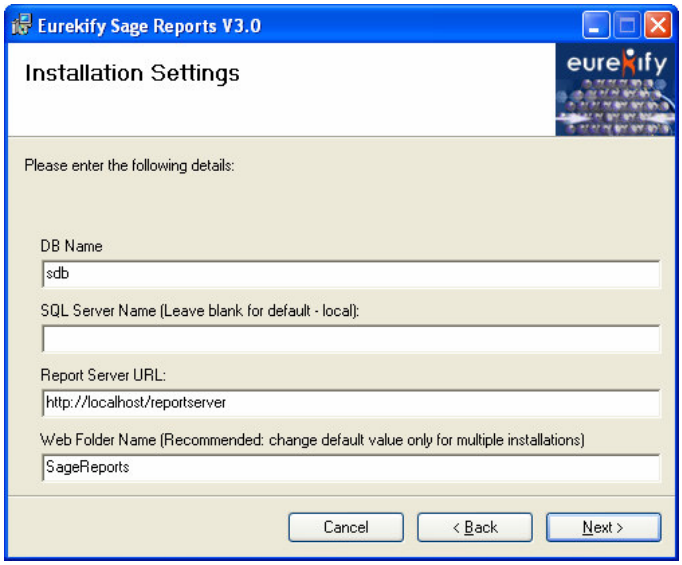


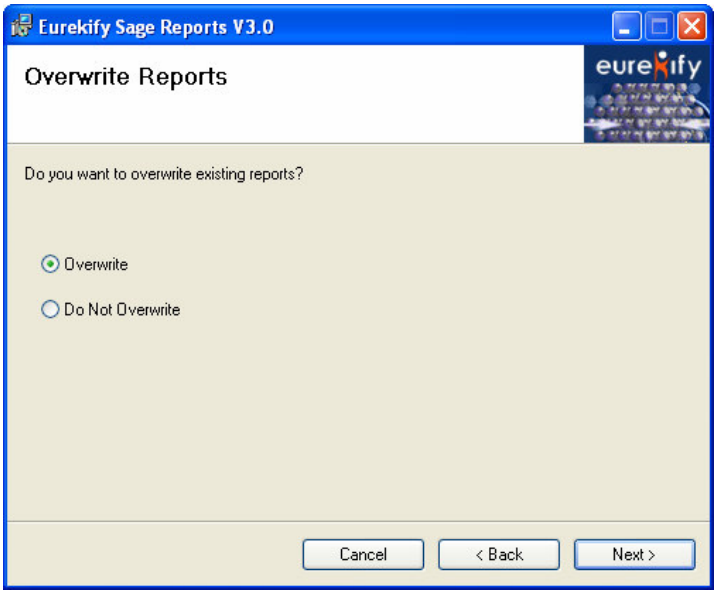
Figure 2 Installation Settings

- Default values are supplied for the Database Name, Report Server URL and Web Folder name. Change the DB Name and Report Server URL address according to your system requirements. Eurekify recommends accepting the default Web Folder Name, other than when you have multiple installations.

Installation Setting	Default Value
Database Name (DB Name)	sdb
SQL Server Name	
Report Server URL	http://localhost/reportserver

Installation Setting	Default Value
Web Folder Name	Sage Reports

5. Click Next. The Overwrite Reports step appears.
   - Select *Overwrite* if you do not have any previous reports or if you intend to discard all previous reports.
   - Select *Do Not Overwrite* to keep all existing reports.



6. Click Next and the *Select Installation Folder* step appears. By default the Sage Reports Folder is placed in the <Installation Drive>\<Installation Folder>.
   - Click the Browse button and navigate to the folder of your choice to choose an alternate installation folder.
   - Click *Disk Cost* to view a list of disk drives and available space on each drive.

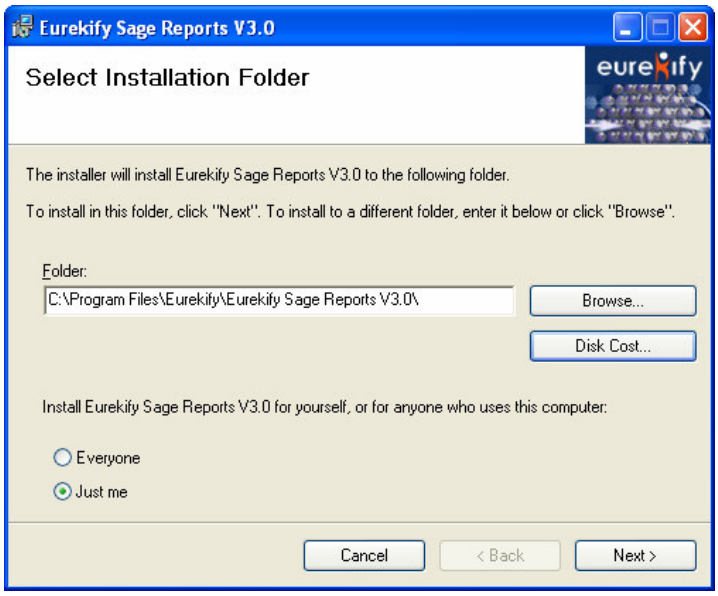

Eurekify Sage Reports V3.0
Select Installation Folder
eurekify
The installer will install Eurekify Sage Reports V3.0 to the following folder.
To install in this folder, click "Next". To install to a different folder, enter it below or click "Browse".
Folder:
C:\Program Files\Eurekify\Eurekify Sage Reports V3.0\
Browse...
Disk Cost...
Install Eurekify Sage Reports V3.0 for yourself, or for anyone who uses this computer:
Everyone
Just me
Cancel
< Back
Next >

Figure 3 Select the Installation Folder

7. Click Next and the *Confirm Installation* step appears. Click Next to start the installation process.

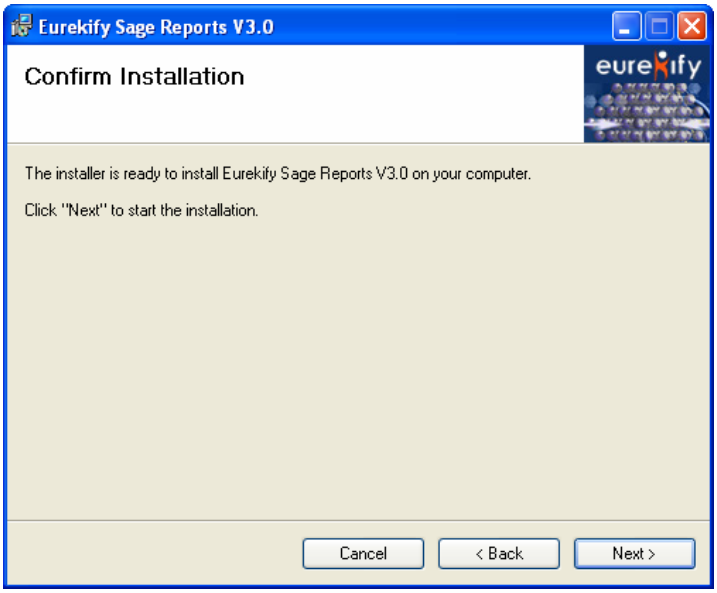

Eurekify Sage Reports V3.0
Confirm Installation
eurekify
The installer is ready to install Eurekify Sage Reports V3.0 on your computer.
Click "Next" to start the installation.
Cancel
< Back
Next >

Figure 4 Confirm Installation

- The process may take a few minutes. A progress bar is displayed while the installation takes place.
- When the installation is finished the Sage Reports Information step appears.

8. Click Next to move to the *Completion* step and then click Finish to exit the wizard.

1.3 Introducing the Reports

After you have finished installing Sage Reports, open a browser and go to http://localhost/reports. The browser should open the reports server and display the *SageReports* folder. This indicates that Sage Reports was successfully installed.

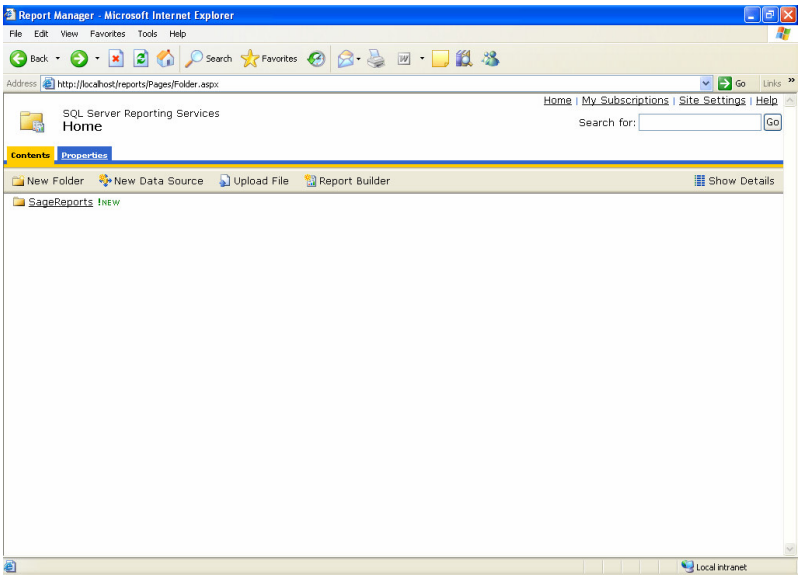


Figure 5 Sage Reports Home Page

Now click on the SageReports icon to open the SageReports folder and view the report types.

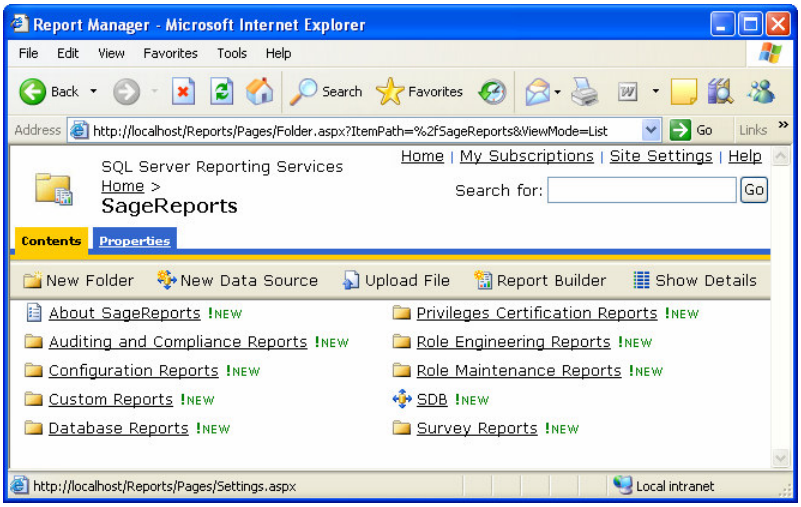


Figure 6 Sage Reports

At this point the reports are all empty. Reports can only be generated from Configuration and Audit files that have previously been saved to the database. So to generate a report you must first open a configuration file in Sage DNA and Save to Database.

1.4 Viewing Reports

The reports are divided into several folders, according to their function. Currently there are 8 folders: Auditing and Compliance Reports, Configuration Reports, Custom Reports, Database Reports, Privileges Certification Reports, Role Engineering Reports, Role Maintenance Reports, and Survey Reports.

Eurekify provides 3 environments for viewing the reports:

- Via a browser using the Sage Portal
- Via the Sage Portal client application
- Via a browser using the Microsoft Reporting Services

This section provides and overview of each viewing environment and explains the benefits of using each environment.

Note: To view a report in any environment you must first save the source configuration or audit file to the database. This is performed in Sage DNA.

1.4.1 Viewing reports via the Sage Portal

The Sage Portal serves the day to day purposes of business unit managers and other personnel that need to authorize changes and modifications to user privileges that are suggested by the Role Engineers. The Sage Portal GUI is a convenient way for business unit managers to communicate information and stay up to date with modifications made to users, roles, and resources - at the same time eliminating the need for excessive system installation throughout the company. Other than for role engineers this is the environment through which Eurekify recommends that most people work - this includes viewing reports.

Note: Access to Sage Data Management and Sage DNA Workstation modules is prevented from within the Sage Portal. These modules serve the purposes of role engineers and are accessed from the Sage Portal Client application.

To view reports via the Sage Portal:

1. Open the Microsoft Explorer browser.
2. Enter the URL http://localhost/sageportal. The Sage Portal opens to the home page.

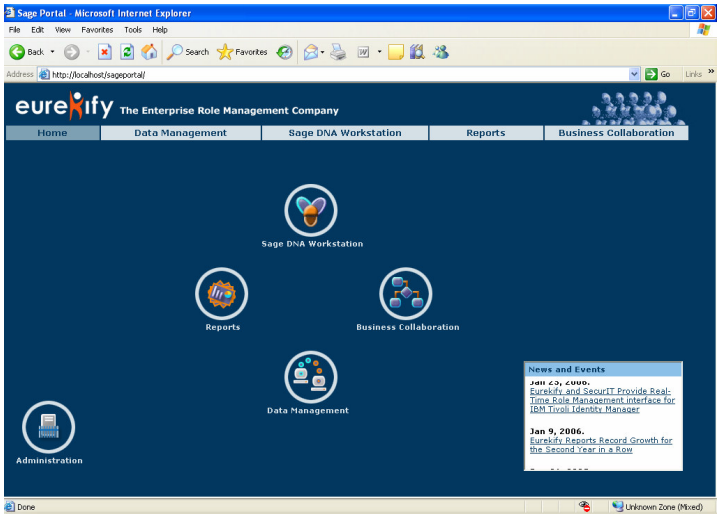


Figure 7 Sage Portal home page

3. Either click the *Reports icon* in the body of the page, or the *Reports button* from the menu bar at the top of the page, the Reports page opens. Report categories are displayed in the left pane of the window. The remainder of the window serves to display this list of reports available for a given category.
4. Click a category folder to display the list of reports.

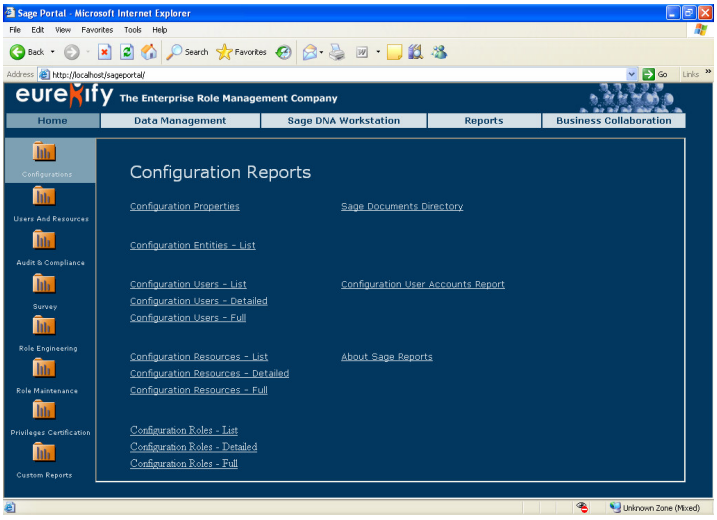


Figure 8 List of Reports

5. Click a Report from the list. An empty report window opens containing Parameter fields. Enter values for the parameter fields as required for the selected report.

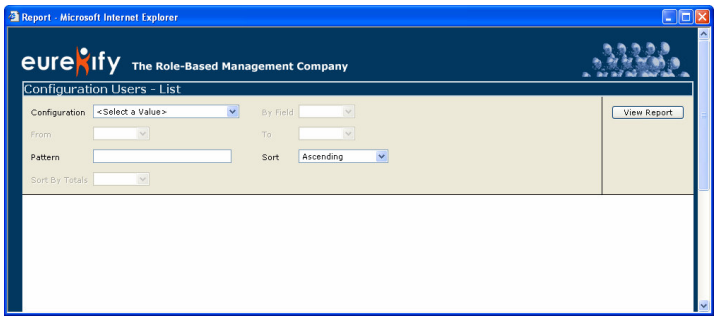


Figure 9 Empty reports window

6. Click the View Report button to generate a report. A report is generated and displayed in the area below the options fields.

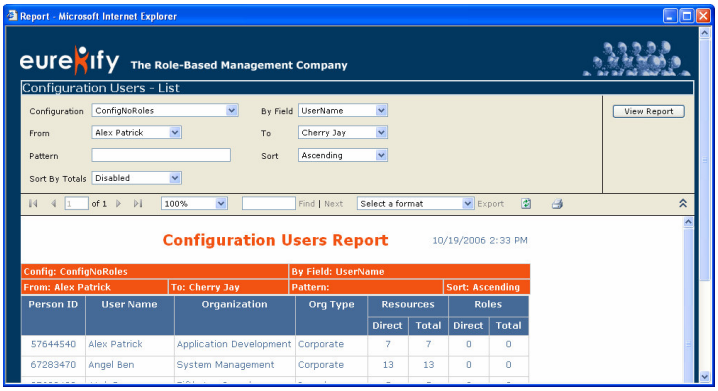


Figure 10 Reports window showing a generated report

1.4.2 Viewing Reports via the Sage Portal Client Application

The Sage Portal Client application provides direct access to all five modules in the Eurekify Sage ERM suite:

- Administration
- Business Collaboration
- DNA Workstation
- DNA Data Management
- Reports

For Role Engineering where work requires you to swap in and out of these modules the Sage Portal client is the ideal environment from which to view reports. The Sage Portal Client has the same look and feel as that described for the Sage Portal GUI, only that it provides access to all modules in the Eurekify Sage ERM suite. Once installed the Sage Portal Client is easily accessed from the Programs folder.

To view reports via the Sage Portal Client applicatoin:

1. Select *Start>All Programs>Eurekify Sage ERM>Eurekify Sage Portal Client*. The client opens on your desktop
2. Either click the *Reports icon* in the body of the window, or the *Reports button* from the menu bar at the top of the window, the Reports page opens. Report categories are displayed in the left pane of the window. The remainder of the window serves to display this list of reports available for a given category.

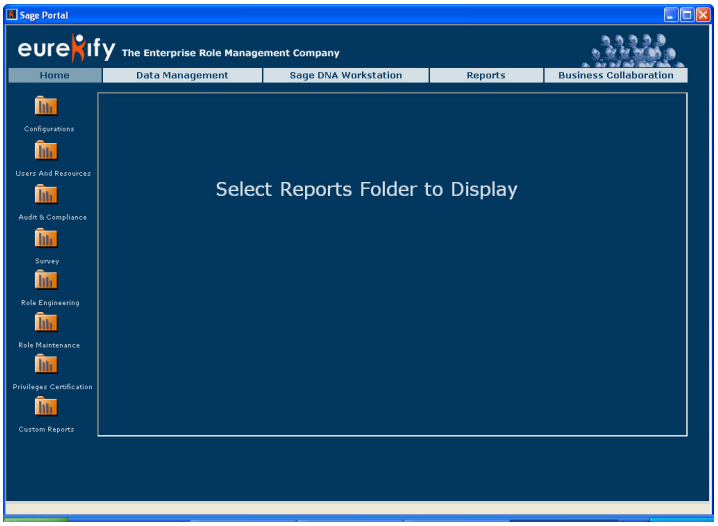


Figure 11 Reports window from with Sage Portal Client Application

3. From this point on viewing and interacting with reports is performed as described for Viewing reports via the Sage Portal in section 1.4.1.

1.4.3 Viewing Reports via Microsoft Reporting Services

In general viewing reports via Microsoft Reporting Services serves the purposes of verifying that the Sage Reports were correctly installed. This environment should be used by the systems administrator or other personnel that install the application.

There are two other occasions when using the Microsoft GUI is required.

- Changing the connection parameters associated with the Sage Reports Datasource.
- Working from within a browser when the Sage Portal browser is unavailable.

To view reports via the Microsoft GUI

1. Open a Microsoft Explorer Browser.
2. Enter the URL http://localhost/Reports. The reports folder opens to the Sage Reports home page. Where the reports server is located on a different machine you must replace <localhost> with the IP address or name of that machine.
3. Select the Report's folder.
4. Select the desired report.
5. Enter the reports parameters – Usually the Configuration Name, Field Name, AuditCard.
6. Click on *View Report*, and wait for the report to be generated.

Figure 12 Generating Reports

7. In Order to navigate between folders, use the navigation links that appear on top of the page.

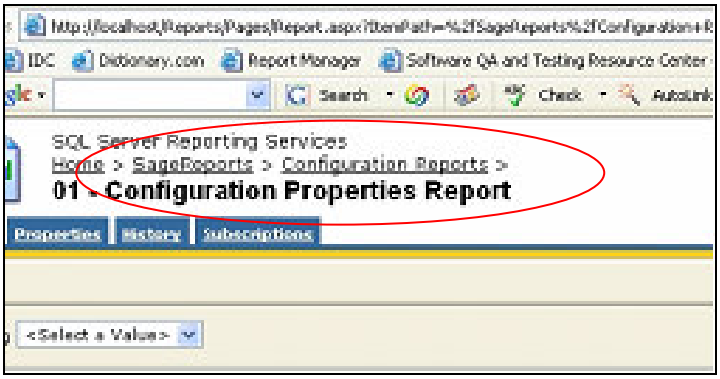


Figure 13 Navigation Between Folders

1.4.3.1 Changing Reports Datasource Connection Parameters

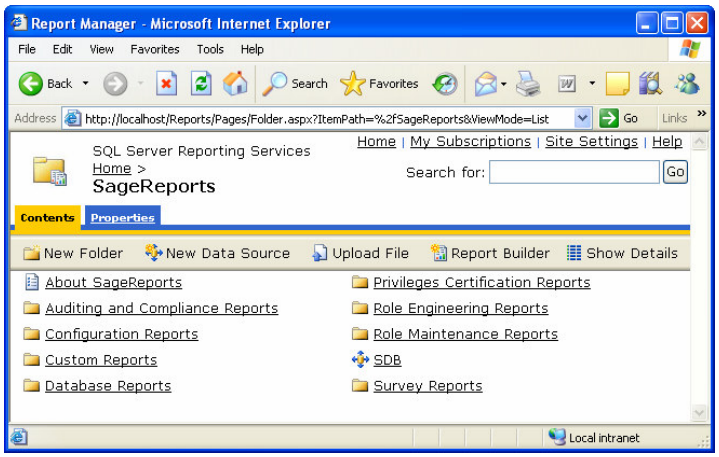
If at some point you wish to change the database that is used as the source for the reports, you need to modify the Connection String that is associated with the Sage Reports Database (SDB). The SDB can only be accessed when viewing the Reports Database from within Microsoft Explorer via the Microsoft GUI.

In this view the Reports Database displays the SDB icon.

Note: The new database must be created by either Sage or SageReports prior to running this script.

To Change Datasource of the Reports Database

1. Open the Sage Reports home page using the Microsoft GUI.
2. Open the *SageReports* folder.
3. Click the *SDB* link to the *SDB* page.



4. In the SDB page, edit the values for the Connection String. You need to supply the:
   - *Server Name* as the value for the *Data Source*.
   - *Database Name* as the value for the *Initial Catalog*.
   - Select the *Windows Integrated Security* option.

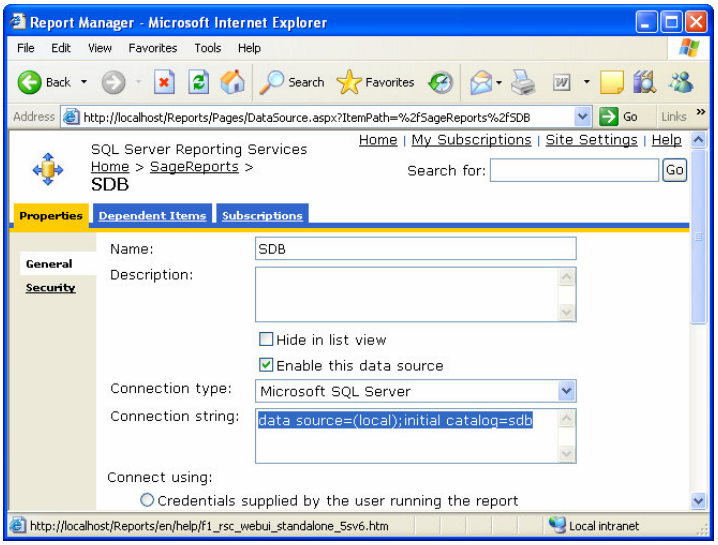


Figure 14 SDB Connection String Options

1.5 Exporting reports to other formats

After generating reports, they can be exported to a variety of formats to aid in distribution and use of the information. Amongst others these formats include PDF, Excel and TIFF file formats. The available export formats vary according to the version of Microsoft Reporting Services that you have installed.

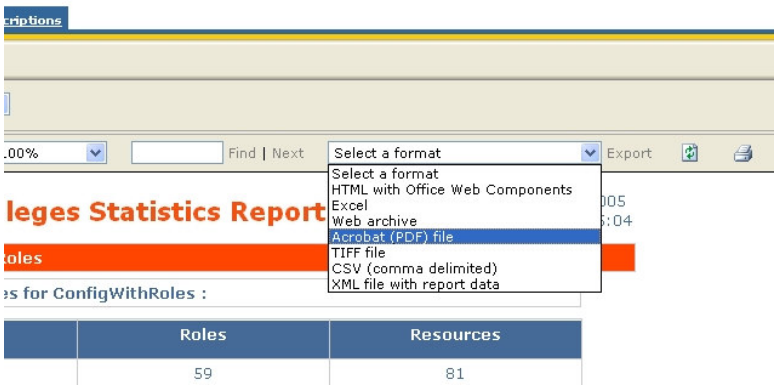


Figure 15 Exporting Files in Various Formats

To export a report to another format

1. Select the desired export format from the *Export* drop down list.
2. Click the *Export* button to the right of the drop down list.
3. Next you will be prompted to save the exported file.

Note: .Up to the current release, Microsoft Reporting Services export capabilities to Excel are limited. This limitation occurs where the internal arrangement of the report consists of sub-reports. In this case, the Excel document that is produced displays the following error message – Sub-reports within table/matrix cells are ignored.

Export to PDF format is fully supported by Microsoft Reporting Services.

1.6 Changing Customer Logo

All Sage reports display a company logo in the bottom left corner of the report. By default the Sage Discovery and Audit logo functions as a placeholder as intended to be replaced by a client logo to customize the report to suit your company. This must be performed locally on the machine on which Eurekify Sage Reports is installed.

The logo is formatted as a *bmp file called *LogoCustomer.bmp* and is located on the machine where Eurekify Sage Reports is installed, under the following directory:

"C:\Program Files\Eurekify\SageReports V3.0\Reports"

To change the customer logo:

1. Go to directory : *C:\Program Files\Eurekify\Eurekify Sage Reports V3.0\Reports.*
2. Rename the original *LogoCustomer.bmp* file to *LogoCustomer_org.bmp.*
3. Save your desired logo as a BMP file named *LogoCustomer.bmp*. Copy it to *C:\Program Files\Eurekify\Eurekify Sage Reports V3.0\Reports*.
4. Go to directory *C:\Program Files\Eurekify\Eurekify Sage Reports V3.0*.
5. Execute the script : *InstallCustomerLogo.bat*.

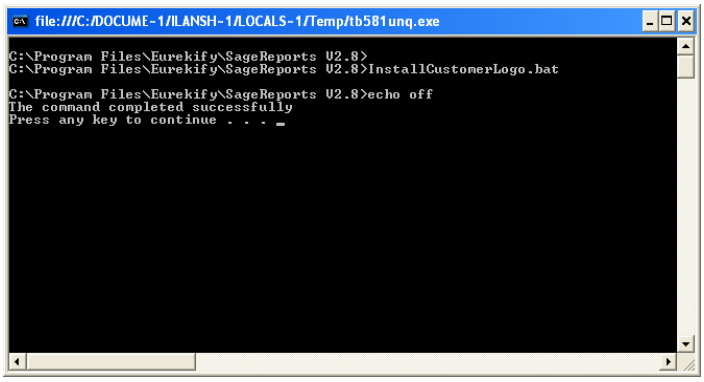


Figure 16 Installing Customer Logo

Upon successful completion, the Sage Reports are ready and display with the new logo.

1.7 Troubleshooting

This section identifies a series of problems that may occur when installing or working with Sage Reports, and lists treatments for dealing with the problems.

Problem Area	Error or Message	Treatment
Sage Reports Installation	*Cannot find file* or similar message appears	Make sure you have RS.exe and osql.exe on your computer. Also make sure the path environment variable points to their directory (usually C:\Program Files\Microsoft SQL Server\80\Tools\Binn
IIS	IIS works but cannot view reports. *Failed to access IIS metabase*	You must re-register *asp.net* with.*net framework*. 1. Using the command line, go to the .net location in the computer. This is usually **C:\WINDOWS\Microsoft.NET\Framework\v1.1.4322** 2. Run **aspnet_regiis –i**
Manage Sage Connection Details	While trying to connect get the message: Failure to connect	1. Enter a value for the Server Name. This can be either: **local** or the **name of the machine**. Note that the value for the machine name is case sensitive. 2. Make sure that anonymous access is disabled in IIS admin. 3. Restart the browser/portal client
Viewing Sage Reports	Cannot view Sage Reports Receive the error *User… has insufficient privileges…rsAccessDenied*	This is caused by Reporting Services Security. 1. Go to report manager **http://<server-name>/reports** 2. Go to the **SageReports** folder. 3. Click on the **Properties** tab, and choose **Security** from the left. There you see a list of all permitted users/groups. 4. Add the needed user or group name to this list by clicking **new role assignmen'**, typing the **user/group name** and assigning the **Browser** role.

Problem Area	Error or Message	Treatment
	The report server cannot decrypt the symmetric key…	This sometimes happens when changes are made to Microsoft Report Server. 1. From Command Line, run the command: **rskeymgmt –d** 2. Click **Y** to delete data. (note: It is OK to delete the data, since only the connection string will be deleted, and it is easily restored). This will enable the server to create a new key and will solve the error. 3. Next, go to **http://<report-server>/reports** change **<report-server>** to the name of your report server. 4. Go to the **SageReports** folder and then to the **SDB**. 5. In the text box next to **Connection String**, type: data source= **<sql-server>;** initial catalog= **<sdb>** change **<sql-server>** to the name of the SQL Server you use to store the Sage Reports database. Change **<sdb>** to the name of the Sage Reports database, usually sdb. 6. Under the textbox, choose **Connect using Windows NT Integrated Security**. 7. Click **Apply**.

CHAPTER 2 - Sage Reports

Sage reports are arranged within subject or functional categories to provide easy access to specific reports.

This chapter provides a description of each report in each category, providing a list of parameters that need to be entered for each report, and a sample image of each report. Descriptions of the reports are arranged according to the organization of report categories in the Sage Portal. These include:

- Configuration Reports
- Users and Resources Reports
- Auditing and Compliance Reports
- Survey Reports
- Role Engineering Reports
- Role Maintenance Reports
- Privileges Certification Reports

2.1 Configuration Reports

2.1.1 Configuration Properties Report

General: Shows general configuration counters and statistics (similar to Sage Configuration Properties feature) as well as pie charts of privileges distribution for users and resources. That is, percent of users with no resources, users with dual resources, etc.

Parameters:

- Configuration

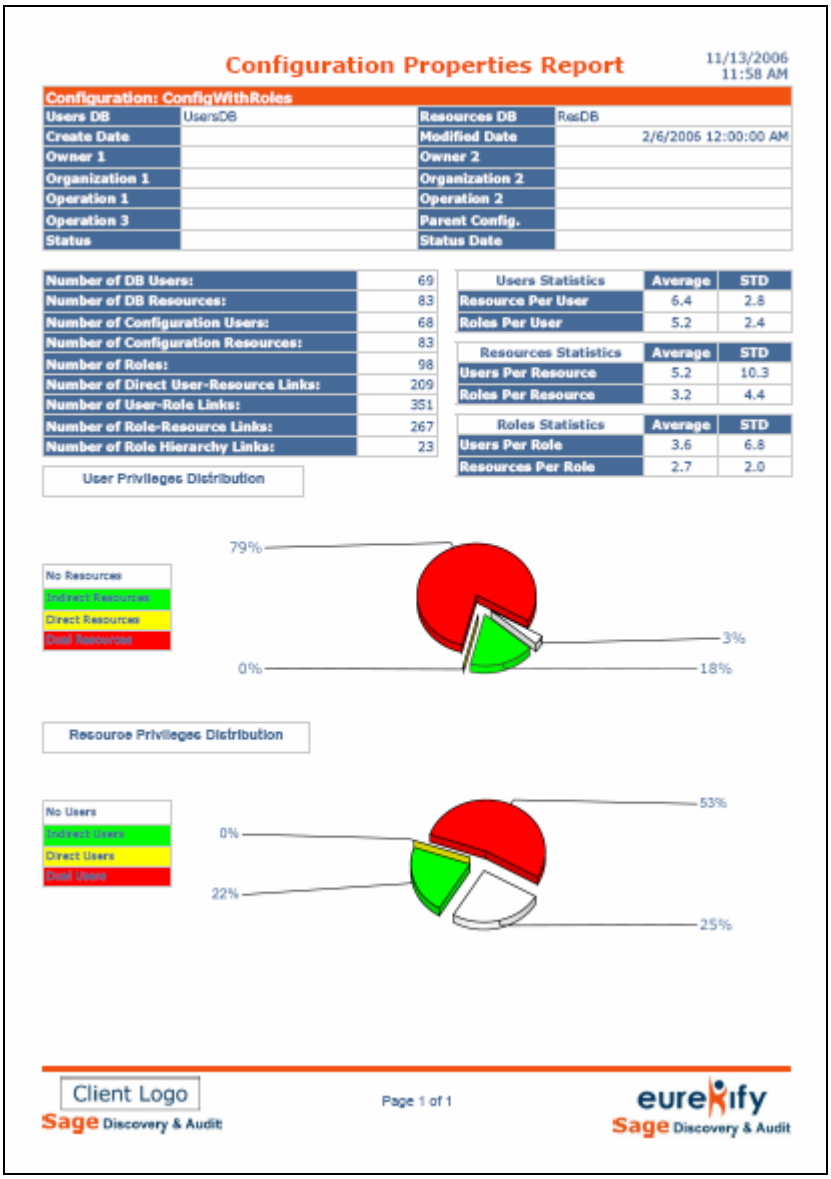


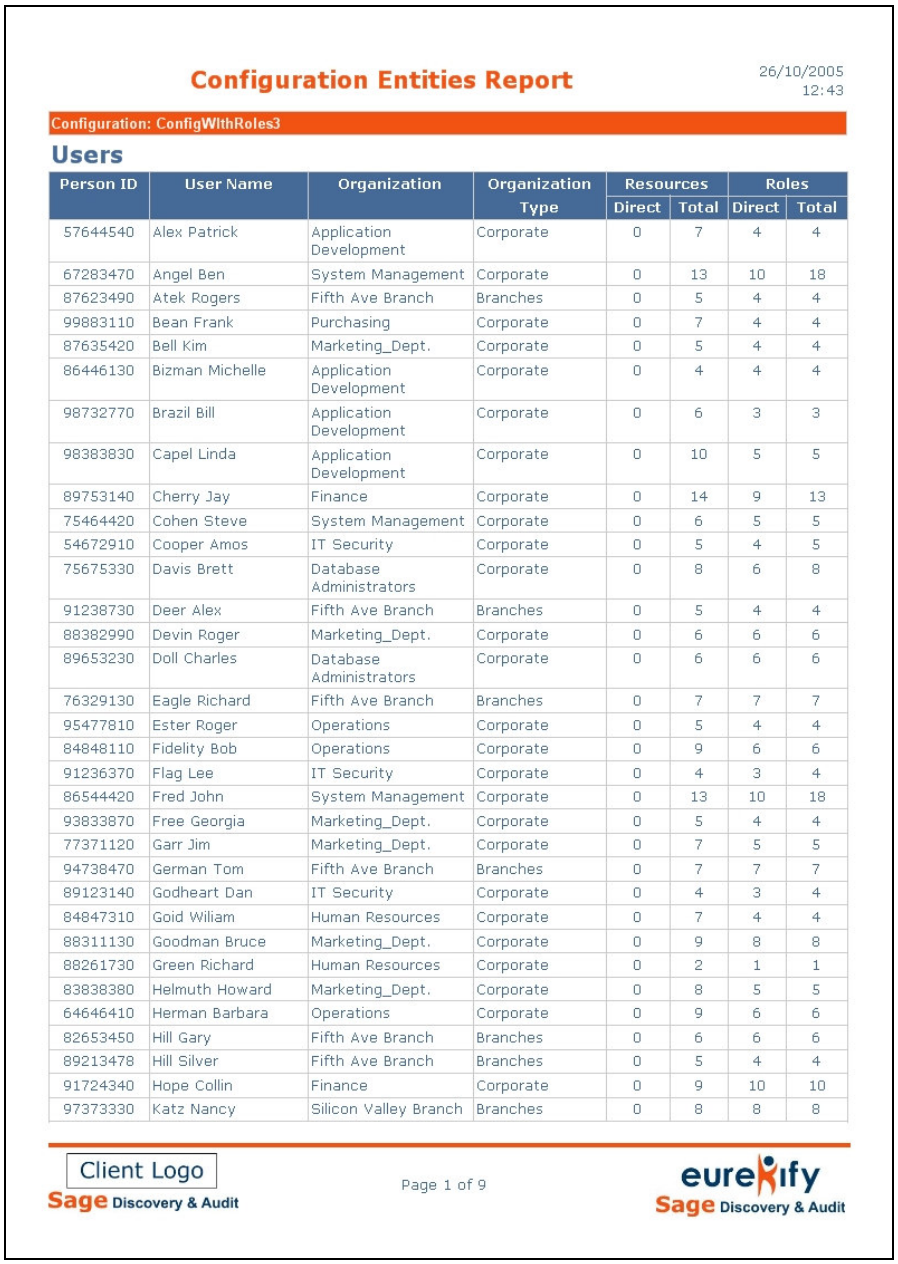
Figure 17 Configuration Properties Report

2.1.2 Configuration Entities Report

General: Lists all the configuration entities (Users, Roles, Resources) along with direct and total counters.

Parameters:

- Configuration



Configuration Entities Report

26/10/2005 12:43

Configuration: ConfigWIthRoles3

Users

Person ID	User Name	Organization	Organization Type	Resources		Roles	
				Direct	Total	Direct	Total
57644540	Alex Patrick	Application Development	Corporate	0	7	4	4
67283470	Angel Ben	System Management	Corporate	0	13	10	18
87623490	Atek Rogers	Fifth Ave Branch	Branches	0	5	4	4
99883110	Bean Frank	Purchasing	Corporate	0	7	4	4
87635420	Bell Kim	Marketing_Dept.	Corporate	0	5	4	4
86446130	Bizman Michelle	Application Development	Corporate	0	4	4	4
98732770	Brazil Bill	Application Development	Corporate	0	6	3	3
98383830	Capel Linda	Application Development	Corporate	0	10	5	5
89753140	Cherry Jay	Finance	Corporate	0	14	9	13
75464420	Cohen Steve	System Management	Corporate	0	6	5	5
54672910	Cooper Amos	IT Security	Corporate	0	5	4	5
75675330	Davis Brett	Database Administrators	Corporate	0	8	6	8
91238730	Deer Alex	Fifth Ave Branch	Branches	0	5	4	4
88382990	Devin Roger	Marketing_Dept.	Corporate	0	6	6	6
89653230	Doll Charles	Database Administrators	Corporate	0	6	6	6
76329130	Eagle Richard	Fifth Ave Branch	Branches	0	7	7	7
95477810	Ester Roger	Operations	Corporate	0	5	4	4
84848110	Fidelity Bob	Operations	Corporate	0	9	6	6
91236370	Flag Lee	IT Security	Corporate	0	4	3	4
86544420	Fred John	System Management	Corporate	0	13	10	18
93833870	Free Georgia	Marketing_Dept.	Corporate	0	5	4	4
77371120	Garr Jim	Marketing_Dept.	Corporate	0	7	5	5
94738470	German Tom	Fifth Ave Branch	Branches	0	7	7	7
89123140	Godheart Dan	IT Security	Corporate	0	4	3	4
84847310	Goid Wiliam	Human Resources	Corporate	0	7	4	4
88311130	Goodman Bruce	Marketing_Dept.	Corporate	0	9	8	8
88261730	Green Richard	Human Resources	Corporate	0	2	1	1
83838380	Helmuth Howard	Marketing_Dept.	Corporate	0	8	5	5
64646410	Herman Barbara	Operations	Corporate	0	9	6	6
82653450	Hill Gary	Fifth Ave Branch	Branches	0	6	6	6
89213478	Hill Silver	Fifth Ave Branch	Branches	0	5	4	4
91724340	Hope Collin	Finance	Corporate	0	9	10	10
97373330	Katz Nancy	Silicon Valley Branch	Branches	0	8	8	8

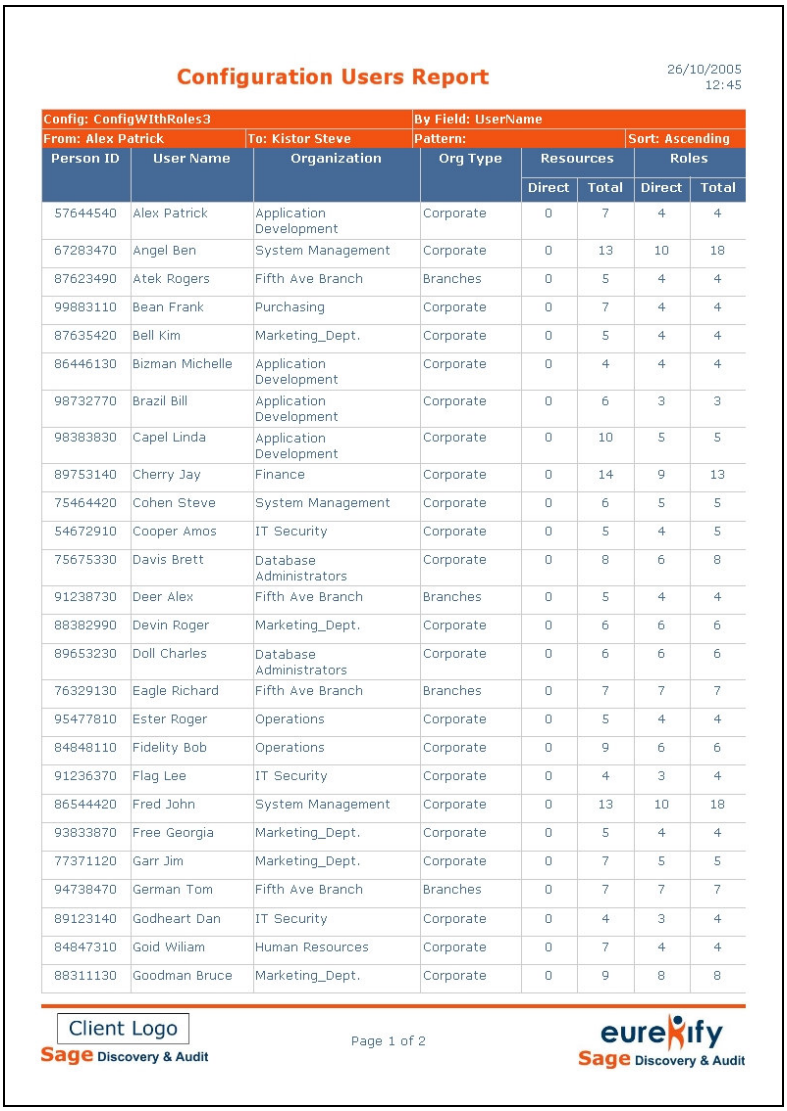
Figure 18 Configuration Entities Report

2.1.3 Configuration Users Report

General: Lists some/all of a configuration's users, one per line.

Parameters:

- Configuration
- By Field - which user field to chose users by,
- From/To – Choose a range of values or leave empty for all
- Pattern – Show only users who match a pattern.
- SortByTotals: Disabled by default, enables sorting of the results by total number of roles or resources (for easy viewing of users with no roles/resources



Configuration Users Report

26/10/2005 12:45

Config: ConfigWIthRoles3			By Field: UserName				
From: Alex Patrick	To: Kistor Steve		Pattern:			Sort: Ascending	
Person ID	User Name	Organization	Org Type	Resources		Roles	
				Direct	Total	Direct	Total
57644540	Alex Patrick	Application Development	Corporate	0	7	4	4
67283470	Angel Ben	System Management	Corporate	0	13	10	18
87623490	Atek Rogers	Fifth Ave Branch	Branches	0	5	4	4
99883110	Bean Frank	Purchasing	Corporate	0	7	4	4
87635420	Bell Kim	Marketing_Dept.	Corporate	0	5	4	4
86446130	Bizman Michelle	Application Development	Corporate	0	4	4	4
98732770	Brazil Bill	Application Development	Corporate	0	6	3	3
98383830	Capel Linda	Application Development	Corporate	0	10	5	5
89753140	Cherry Jay	Finance	Corporate	0	14	9	13
75464420	Cohen Steve	System Management	Corporate	0	6	5	5
54672910	Cooper Amos	IT Security	Corporate	0	5	4	5
75675330	Davis Brett	Database Administrators	Corporate	0	8	6	8
91238730	Deer Alex	Fifth Ave Branch	Branches	0	5	4	4
88382990	Devin Roger	Marketing_Dept.	Corporate	0	6	6	6
89653230	Doll Charles	Database Administrators	Corporate	0	6	6	6
76329130	Eagle Richard	Fifth Ave Branch	Branches	0	7	7	7
95477810	Ester Roger	Operations	Corporate	0	5	4	4
84848110	Fidelity Bob	Operations	Corporate	0	9	6	6
91236370	Flag Lee	IT Security	Corporate	0	4	3	4
86544420	Fred John	System Management	Corporate	0	13	10	18
93833870	Free Georgia	Marketing_Dept.	Corporate	0	5	4	4
77371120	Garr Jim	Marketing_Dept.	Corporate	0	7	5	5
94738470	German Tom	Fifth Ave Branch	Branches	0	7	7	7
89123140	Godheart Dan	IT Security	Corporate	0	4	3	4
84847310	Goid Wiliam	Human Resources	Corporate	0	7	4	4
88311130	Goodman Bruce	Marketing_Dept.	Corporate	0	9	8	8

Figure 19 Configuration Users Report

2.1.4 Configuration Users Detailed Report

General: Lists some/all of a configuration's users, including ALL user fields

Parameters:

- Configuration
- By Field - which user field to chose users by,
- From/To – Choose a range of values or leave empty for all
- Pattern – Show only users who match a pattern.

Configuration Users Detailed Report

26/10/2005 12:45

Config: ConfigWIthRoles3			By Field: UserName		
From: Alex Patrick	To: Maor Kathy		Pattern:	Sort: Ascending	
Person ID	57644540		User Name	Alex Patrick	
Organization	Application Development		Organization Type	Corporate	
Country	US		Location	Pennsylvania	
Title	Developer		Cost Center	30111	
Direct Res	0	Total Res 7	Direct Roles	4	Total Roles 4

Person ID	67283470		User Name	Angel Ben	
Organization	System Management		Organization Type	Corporate	
Country	US		Location	New Jersey	
Title	Developer		Cost Center	24123	
Direct Res	0	Total Res 13	Direct Roles	10	Total Roles 18

Person ID	87623490		User Name	Atek Rogers	
Organization	Fifth Ave Branch		Organization Type	Branches	
Country	US		Location	New York	
Title	Branch Officer/Clerk		Cost Center	22321	
Direct Res	0	Total Res 5	Direct Roles	4	Total Roles 4

Person ID	99883110		User Name	Bean Frank	
Organization	Purchasing		Organization Type	Corporate	
Country	US		Location	New Jersey	
Title	Purchasing Officer		Cost Center	32444	
Direct Res	0	Total Res 7	Direct Roles	4	Total Roles 4

Person ID	87635420		User Name	Bell Kim	
Organization	Marketing_Dept.		Organization Type	Corporate	
Country	US		Location	New Jersey	
Title	Secretary		Cost Center	25331	
Direct Res	0	Total Res 5	Direct Roles	4	Total Roles 4

Figure 20 Configuration Users Detailed Report

2.1.5 Configuration Users Full Report

General: Lists some/all of a configuration's users, including each user's roles and resources.

Parameters:

- Configuration
- By Field - which user field to chose users by
- From/To – Choose a range of values or leave empty for all
- Pattern – Show only users who match a pattern.

Configuration Users Full Report 26/10/2005 12:48

Config: ConfigWIthRoles3		By Field: Organization	
From: Application	To: Application	Pattern:	Sort: Ascending

User: 57644540 Alex Patrick

Person ID	57644540	User Name	Alex Patrick
Organization	Application Development	Organization Type	Corporate
Country	US	Location	Pennsylvania
Title	Developer	Cost Center	30111

Direct Resources

None

Dual Resources

Resources count: 6

Res name 1	Res name 2	Res name 3	Owner	Organization
DEVELOP	RACFPROD	RACF22	MVSPROD	Production RACF
DEVELOP	RACFTEST	RACF22	MVSTEST	Test RACF
TESTDEV	RACFPROD	RACF22	MVSPROD	Production RACF
TESTDEV	RACFTEST	RACF22	MVSTEST	Test RACF
e-mail	outlook	WinNT		
office2003	2003	WinNT		

Indirect Resources

Resources count: 1

Res name 1	Res name 2	Res name 3	Owner	Organization
UGAPPLDEV.Administration.[ROOT]	NOVELADM	Novell4	ADMNLAN	

Direct Roles

Roles count: 4

ID	Role Name	Description	Organization	Owner
1001	BASIC ROLE	New Role		
1013	Organization - Application Development	Characteristic Role (80%)		
1025	Development	New Role (Iterated)	New Org	New Owner
1122	DEV-MF	Sage Role	IT	SageBank

Indirect Roles

None

Dual Roles

Roles count: 1

ID	Role Name	Description	Organization	Owner
1143	BSAVELAN	Sage Role	IT	SageBank

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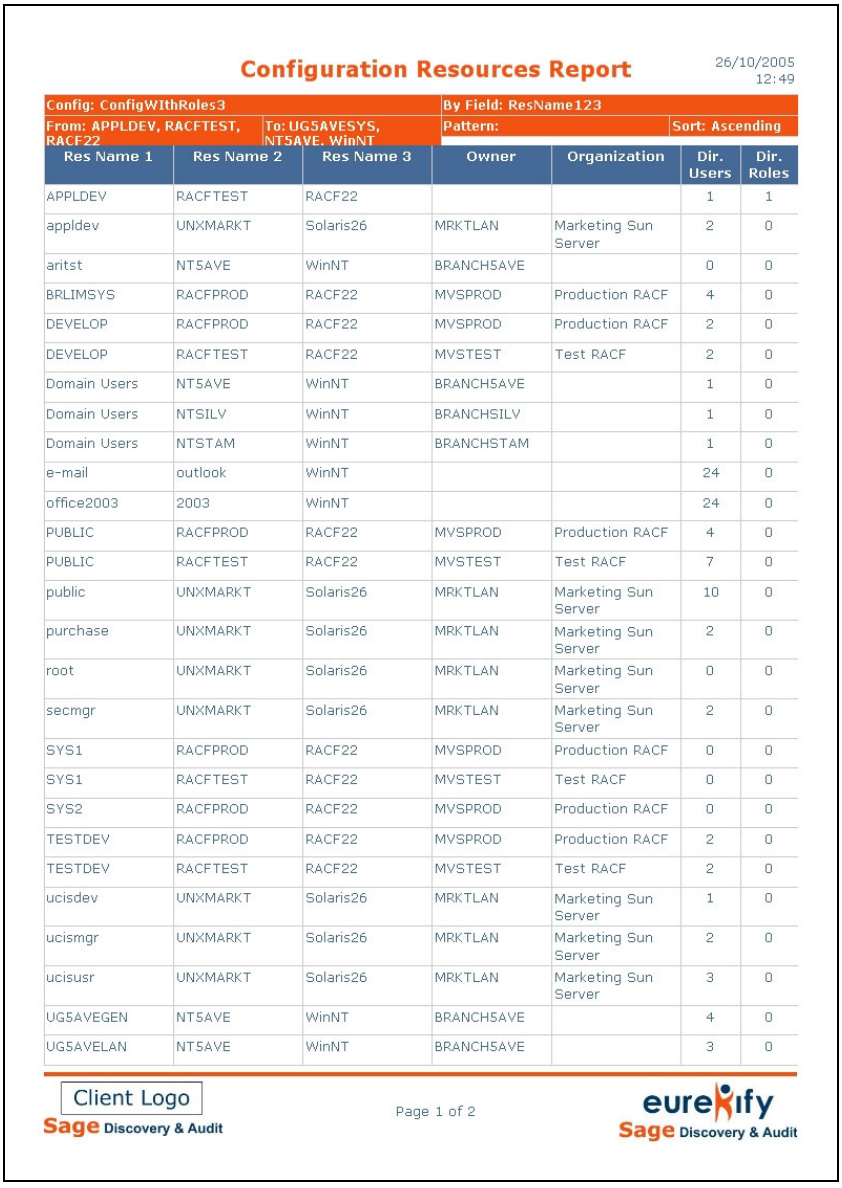
Figure 21 Configuration Users Full Report

2.1.6 Configuration Resources Report

General: Lists some/all of a configuration's resources, one per line

Parameters:

- Configuration
- By Field - which resource field to chose users by,
- From/To – Choose a range of values or leave empty for all
- Pattern – Show only resources that match a pattern.



Configuration Resources Report

26/10/2005 12:49

Config: ConfigWIthRoles3 | By Field: ResName123

From: APPLDEV, RACFTEST, RACF22 | To: UG5AVESYS, NT5AVE, WinNT | Pattern: | Sort: Ascending

Res Name 1	Res Name 2	Res Name 3	Owner	Organization	Dir. Users	Dir. Roles
APPLDEV	RACFTEST	RACF22			1	1
appldev	UNXMARKT	Solaris26	MRKTLAN	Marketing Sun Server	2	0
aritst	NT5AVE	WinNT	BRANCH5AVE		0	0
BRLIMSYS	RACFPROD	RACF22	MVSPROD	Production RACF	4	0
DEVELOP	RACFPROD	RACF22	MVSPROD	Production RACF	2	0
DEVELOP	RACFTEST	RACF22	MVSTEST	Test RACF	2	0
Domain Users	NT5AVE	WinNT	BRANCH5AVE		1	0
Domain Users	NTSILV	WinNT	BRANCHSILV		1	0
Domain Users	NTSTAM	WinNT	BRANCHSTAM		1	0
e-mail	outlook	WinNT			24	0
office2003	2003	WinNT			24	0
PUBLIC	RACFPROD	RACF22	MVSPROD	Production RACF	4	0
PUBLIC	RACFTEST	RACF22	MVSTEST	Test RACF	7	0
public	UNXMARKT	Solaris26	MRKTLAN	Marketing Sun Server	10	0
purchase	UNXMARKT	Solaris26	MRKTLAN	Marketing Sun Server	2	0
root	UNXMARKT	Solaris26	MRKTLAN	Marketing Sun Server	0	0
secmgr	UNXMARKT	Solaris26	MRKTLAN	Marketing Sun Server	2	0
SYS1	RACFPROD	RACF22	MVSPROD	Production RACF	0	0
SYS1	RACFTEST	RACF22	MVSTEST	Test RACF	0	0
SYS2	RACFPROD	RACF22	MVSPROD	Production RACF	0	0
TESTDEV	RACFPROD	RACF22	MVSPROD	Production RACF	2	0
TESTDEV	RACFTEST	RACF22	MVSTEST	Test RACF	2	0
ucisdev	UNXMARKT	Solaris26	MRKTLAN	Marketing Sun Server	1	0
ucismgr	UNXMARKT	Solaris26	MRKTLAN	Marketing Sun Server	2	0
ucisusr	UNXMARKT	Solaris26	MRKTLAN	Marketing Sun Server	3	0
UG5AVEGEN	NT5AVE	WinNT	BRANCH5AVE		4	0
UG5AVELAN	NT5AVE	WinNT	BRANCH5AVE		3	0

Figure 22 Configuration Resources Report

2.1.7 Configuration Resources Detailed Report

General: Lists some/all of a configuration's resources, including ALL resources fields

Parameters:

- Configuration
- By Field - which resource field to choose users by,
- From/To – Choose a range of values or leave empty for all
- Pattern – Show only resources that match a pattern.

Configuration Resources Detailed Report

26/10/2005 12:50

Config: ConfigWIthRoles3		By Field: ResName123	
From: APPLDEV, RACFTEST, RACF22	To: UGSILVGEN, NTSILV, WinNT	Pattern:	Sort: Ascending

Res ID	0			Res Name 1	APPLDEV		
Res Name 2	RACFTEST			Res Name 3	RACF22		
Owner				Organization			
Location							
Direct Users	1	Total Users	1	Direct Roles	1	Total Roles	4

Res ID	63			Res Name 1	appldev		
Res Name 2	UNXMARKT			Res Name 3	Solaris26		
Owner	MRKTLAN			Organization	Marketing Sun Server		
Location	Marketing Sun Server						
Direct Users	2	Total Users	3	Direct Roles	0	Total Roles	3

Res ID	64			Res Name 1	aritst		
Res Name 2	NT5AVE			Res Name 3	WinNT		
Owner	BRANCH5AVE			Organization			
Location							
Direct Users	0	Total Users	0	Direct Roles	0	Total Roles	0

Res ID	1			Res Name 1	BRLIMSYS		
Res Name 2	RACFPROD			Res Name 3	RACF22		
Owner	MVSPROD			Organization	Production RACF		
Location	Production RACF						
Direct Users	4	Total Users	4	Direct Roles	0	Total Roles	3

Res ID	2			Res Name 1	DEVELOP		
Res Name 2	RACFPROD			Res Name 3	RACF22		
Owner	MVSPROD			Organization	Production RACF		
Location	Production RACF						
Direct Users	2	Total Users	2	Direct Roles	0	Total Roles	4

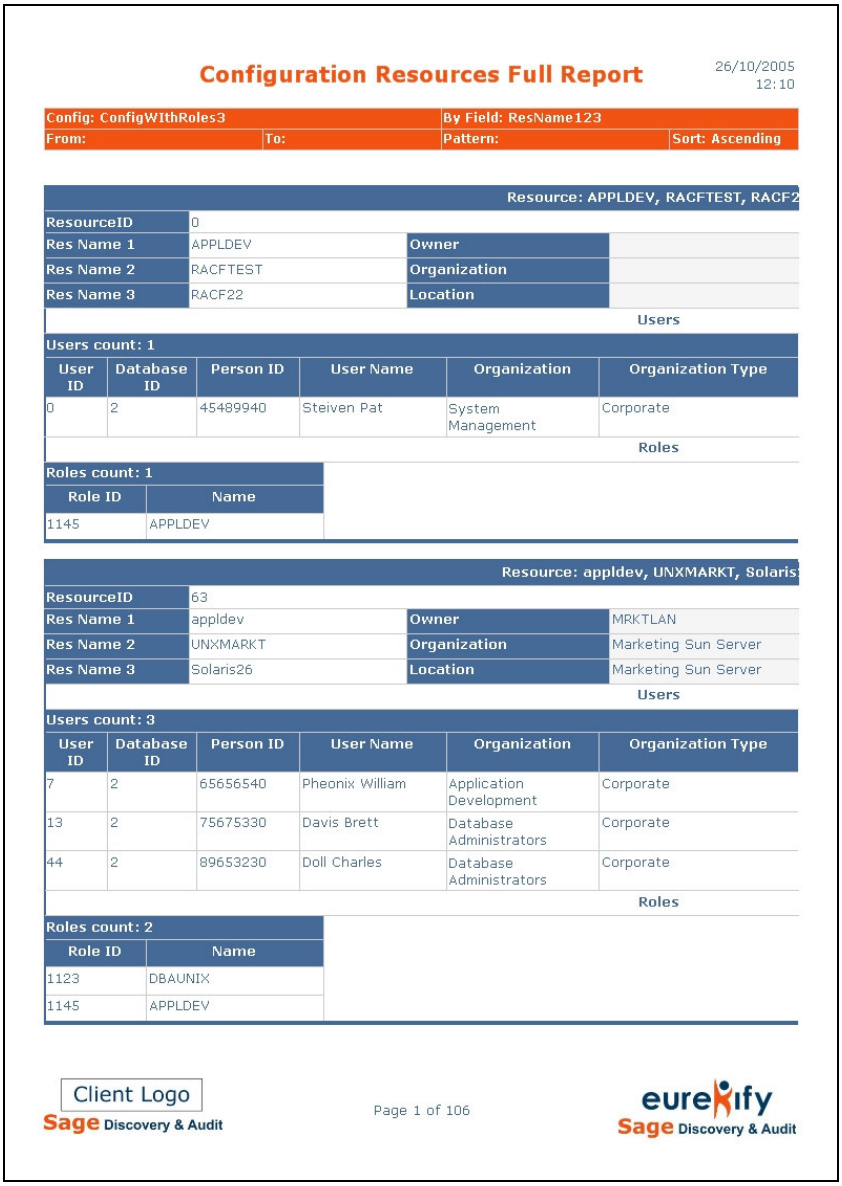
Figure 23 Configuration Resources Detailed Report

2.1.8 Configuration Resources Full Report

General: Lists some/all of a configuration's resources, including each resource's roles and users.

Parameters:

- Configuration
- By Field - which resource field to choose users by,
- From/To – Choose a range of values or leave empty for all
- Pattern – Show only resources that match a pattern.



Configuration Resources Full Report

26/10/2005 12:10

Config: ConfigWithRoles3		By Field: ResName123	
From:	To:	Pattern:	Sort: Ascending

Resource: APPLDEV, RACFTEST, RACF2

ResourceID	0		
Res Name 1	APPLDEV	Owner	
Res Name 2	RACFTEST	Organization	
Res Name 3	RACF22	Location	

Users

Users count: 1

User ID	Database ID	Person ID	User Name	Organization	Organization Type
0	2	45489940	Steiven Pat	System Management	Corporate

Roles

Roles count: 1

Role ID	Name
1145	APPLDEV

Resource: appldev, UNXMARKT, Solaris

ResourceID	63		
Res Name 1	appldev	Owner	MRKTLAN
Res Name 2	UNXMARKT	Organization	Marketing Sun Server
Res Name 3	Solaris26	Location	Marketing Sun Server

Users

Users count: 3

User ID	Database ID	Person ID	User Name	Organization	Organization Type
7	2	65656540	Pheonix William	Application Development	Corporate
13	2	75675330	Davis Brett	Database Administrators	Corporate
44	2	89653230	Doll Charles	Database Administrators	Corporate

Roles

Roles count: 2

Role ID	Name
1123	DBAUNIX
1145	APPLDEV

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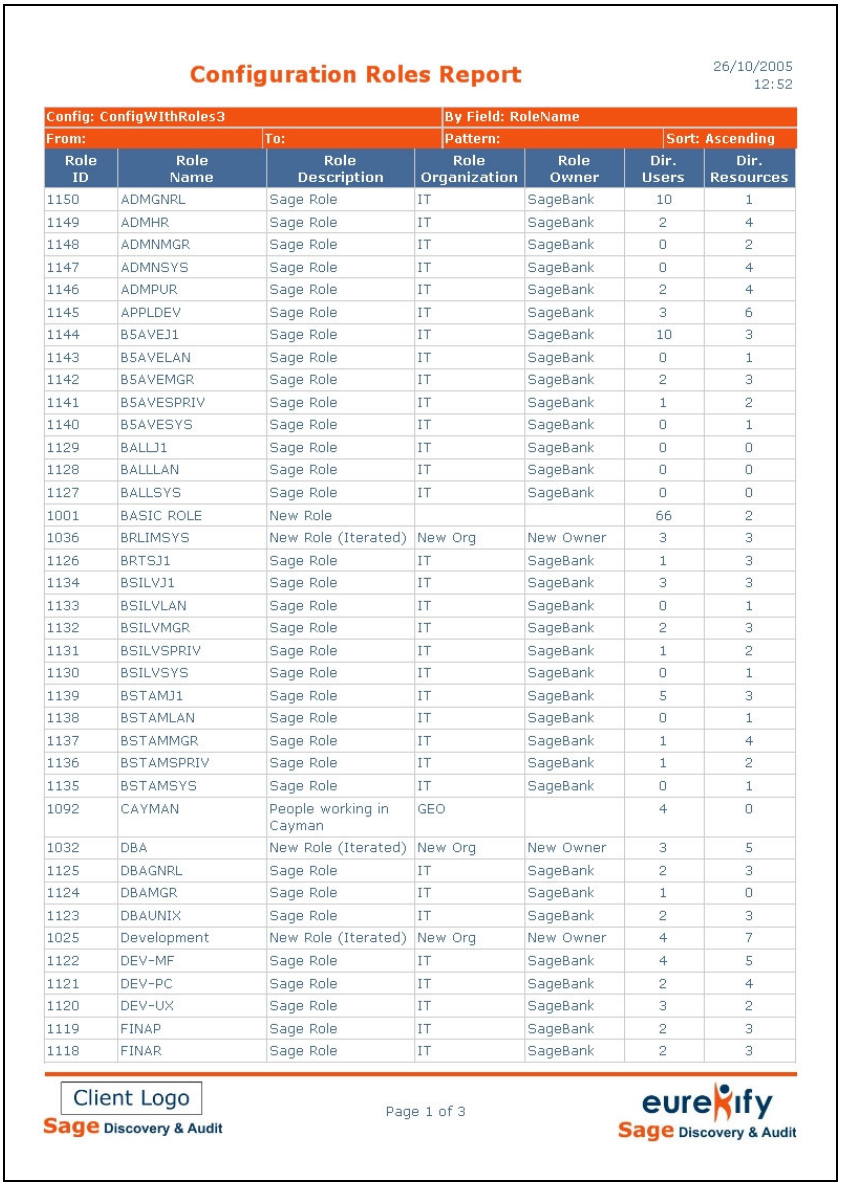
Figure 24 Configuration Resources Full Report

2.1.9 Configuration Roles Report

General: Lists some/all of a configuration's roles, one per line

Parameters: Configuration, which role field to choose roles by, from/to values, Pattern

- Parameters:
- Configuration
- By Field - Which role field to choose users by,
- From/To – Choose a range of values or leave empty for all
- Pattern – Show only role that match a pattern.



Configuration Roles Report

26/10/2005
12:52

Config: ConfigWIthRoles3			By Field: RoleName			
From:		To:	Pattern:		Sort: Ascending	
Role ID	Role Name	Role Description	Role Organization	Role Owner	Dir. Users	Dir. Resources
1150	ADMGNRL	Sage Role	IT	SageBank	10	1
1149	ADMHR	Sage Role	IT	SageBank	2	4
1148	ADMNMGR	Sage Role	IT	SageBank	0	2
1147	ADMNSYS	Sage Role	IT	SageBank	0	4
1146	ADMPUR	Sage Role	IT	SageBank	2	4
1145	APPLDEV	Sage Role	IT	SageBank	3	6
1144	B5AVEJ1	Sage Role	IT	SageBank	10	3
1143	B5AVELAN	Sage Role	IT	SageBank	0	1
1142	B5AVEMGR	Sage Role	IT	SageBank	2	3
1141	B5AVESPRIV	Sage Role	IT	SageBank	1	2
1140	B5AVESYS	Sage Role	IT	SageBank	0	1
1129	BALLJ1	Sage Role	IT	SageBank	0	0
1128	BALLLAN	Sage Role	IT	SageBank	0	0
1127	BALLSYS	Sage Role	IT	SageBank	0	0
1001	BASIC ROLE	New Role			66	2
1036	BRLIMSYS	New Role (Iterated)	New Org	New Owner	3	3
1126	BRTSJ1	Sage Role	IT	SageBank	1	3
1134	BSILVJ1	Sage Role	IT	SageBank	3	3
1133	BSILVLAN	Sage Role	IT	SageBank	0	1
1132	BSILVMGR	Sage Role	IT	SageBank	2	3
1131	BSILVSPRIV	Sage Role	IT	SageBank	1	2
1130	BSILVSYS	Sage Role	IT	SageBank	0	1
1139	BSTAMJ1	Sage Role	IT	SageBank	5	3
1138	BSTAMLAN	Sage Role	IT	SageBank	0	1
1137	BSTAMMGR	Sage Role	IT	SageBank	1	4
1136	BSTAMSPRIV	Sage Role	IT	SageBank	1	2
1135	BSTAMSYS	Sage Role	IT	SageBank	0	1
1092	CAYMAN	People working in Cayman	GEO		4	0
1032	DBA	New Role (Iterated)	New Org	New Owner	3	5
1125	DBAGNRL	Sage Role	IT	SageBank	2	3
1124	DBAMGR	Sage Role	IT	SageBank	1	0
1123	DBAUNIX	Sage Role	IT	SageBank	2	3
1025	Development	New Role (Iterated)	New Org	New Owner	4	7
1122	DEV-MF	Sage Role	IT	SageBank	4	5
1121	DEV-PC	Sage Role	IT	SageBank	2	4
1120	DEV-UX	Sage Role	IT	SageBank	3	2
1119	FINAP	Sage Role	IT	SageBank	2	3
1118	FINAR	Sage Role	IT	SageBank	2	3

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Figure 25 Configuration Roles Report

2.1.10 Configuration Roles Detailed Report

General: Lists some/all of a configuration's roles, including ALL the roles' fields and counters

Parameters:

- Configuration
- By Field - Which role field to choose users by,
- From/To – Choose a range of values or leave empty for all
- Pattern – Show only role that match a pattern.

Configuration Roles Detailed Report

26/10/2005 12:53

Config: ConfigWIthRoles3		By Field: RoleName	
From:	To:	Pattern:	Sort: Ascending

Role ID	1150			Role Create Date			
Role Name	ADMGNRL			Role Reviewer			
Role Description	Sage Role			Role Approve Code			
Role Organization	IT			Role Approved Date			
Role Owner	SageBank			Role Organization2			
Role Type				Role Organization3			
Role Counters:							
Direct Users	10	Direct Res.	1	Direct Par. Roles	1	Direct Sub Roles	0
Indirect Users	3	Indirect Res.	0	Indirect Par. Roles	1	Indirect Sub Roles	0
Dual Users	1	Dual Res.	0	Dual Par. Roles	0	Dual Sub Roles	0
Total Users	14	Total Res.	1	Total Par. Roles	2	Total Sub Roles	0

Role ID	1149			Role Create Date			
Role Name	ADMHR			Role Reviewer			
Role Description	Sage Role			Role Approve Code			
Role Organization	IT			Role Approved Date			
Role Owner	SageBank			Role Organization2			
Role Type				Role Organization3			
Role Counters:							
Direct Users	2	Direct Res.	4	Direct Par. Roles	1	Direct Sub Roles	0
Indirect Users	0	Indirect Res.	0	Indirect Par. Roles	5	Indirect Sub Roles	0
Dual Users	0	Dual Res.	0	Dual Par. Roles	0	Dual Sub Roles	0
Total Users	2	Total Res.	4	Total Par. Roles	6	Total Sub Roles	0

Role ID	1148			Role Create Date			
Role Name	ADMNMGR			Role Reviewer			
Role Description	Sage Role			Role Approve Code			
Role Organization	IT			Role Approved Date			
Role Owner	SageBank			Role Organization2			
Role Type				Role Organization3			
Role Counters:							
Direct Users	0	Direct Res.	2	Direct Par. Roles	0	Direct Sub Roles	2
Indirect Users	0	Indirect Res.	9	Indirect Par. Roles	0	Indirect Sub Roles	3
Dual Users	0	Dual Res.	0	Dual Par. Roles	0	Dual Sub Roles	0
Total Users	0	Total Res.	11	Total Par. Roles	0	Total Sub Roles	5

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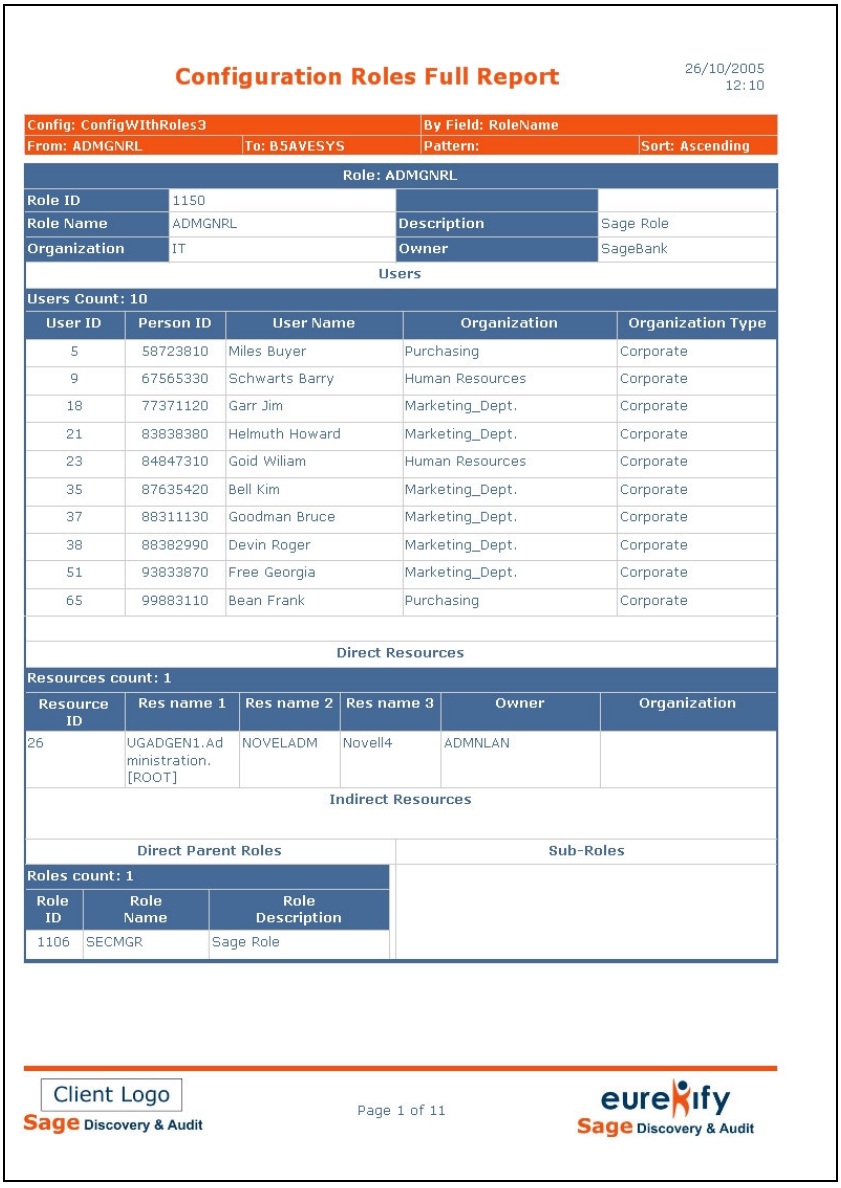
Figure 26 Configuration Roles Detailed Report

2.1.11 Configuration Roles Full Report

General: Lists some/all of a configuration's roles, including each role's resources and users.

Parameters:

- Configuration
- By Field - Which resource field to choose users by
- From/To – Choose a range of values or leave empty for all
- Pattern – Show only resources that match a pattern.



Configuration Roles Full Report

26/10/2005 12:10

Config: ConfigWIthRoles3		By Field: RoleName	
From: ADMGNRL	To: B5AVESYS	Pattern:	Sort: Ascending

Role: ADMGNRL

Role ID	1150		
Role Name	ADMGNRL	Description	Sage Role
Organization	IT	Owner	SageBank

Users

Users Count: 10

User ID	Person ID	User Name	Organization	Organization Type
5	58723810	Miles Buyer	Purchasing	Corporate
9	67565330	Schwarts Barry	Human Resources	Corporate
18	77371120	Garr Jim	Marketing_Dept.	Corporate
21	83838380	Helmuth Howard	Marketing_Dept.	Corporate
23	84847310	Goid Wiliam	Human Resources	Corporate
35	87635420	Bell Kim	Marketing_Dept.	Corporate
37	88311130	Goodman Bruce	Marketing_Dept.	Corporate
38	88382990	Devin Roger	Marketing_Dept.	Corporate
51	93833870	Free Georgia	Marketing_Dept.	Corporate
65	99883110	Bean Frank	Purchasing	Corporate

Direct Resources

Resources count: 1

Resource ID	Res name 1	Res name 2	Res name 3	Owner	Organization
26	UGADGEN1.Administration.[ROOT]	NOVELADM	Novell4	ADMNLAN	

Indirect Resources

Direct Parent Roles	Sub-Roles

Roles count: 1

Role ID	Role Name	Role Description
1106	SECMGR	Sage Role

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Figure 27 Configuration Roles Full Report

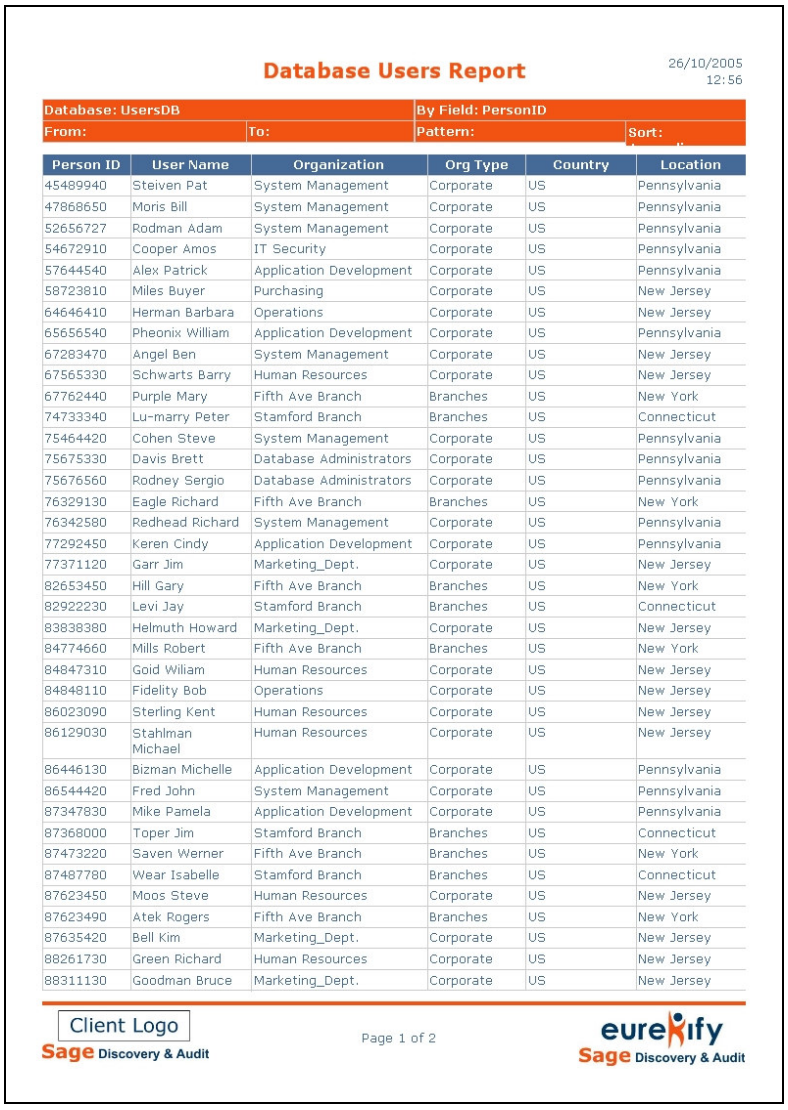
2.2 Users and Resources Reports

2.2.1 Database Users Report

General: Lists some/all of a database's users, one per line

Parameters:

- Users Database
- By Field - Which user field to choose users by
- From/To – Choose a range of values or leave empty for all
- Pattern – Show only users who match a pattern.



Database Users Report

26/10/2005
12:56

Database: UsersDB		By Field: PersonID	
From:	To:	Pattern:	Sort:

Person ID	User Name	Organization	Org Type	Country	Location
45489940	Steiven Pat	System Management	Corporate	US	Pennsylvania
47868650	Moris Bill	System Management	Corporate	US	Pennsylvania
52656727	Rodman Adam	System Management	Corporate	US	Pennsylvania
54672910	Cooper Amos	IT Security	Corporate	US	Pennsylvania
57644540	Alex Patrick	Application Development	Corporate	US	Pennsylvania
58723810	Miles Buyer	Purchasing	Corporate	US	New Jersey
64646410	Herman Barbara	Operations	Corporate	US	New Jersey
65656540	Pheonix William	Application Development	Corporate	US	Pennsylvania
67283470	Angel Ben	System Management	Corporate	US	New Jersey
67565330	Schwarts Barry	Human Resources	Corporate	US	New Jersey
67762440	Purple Mary	Fifth Ave Branch	Branches	US	New York
74733340	Lu-marry Peter	Stamford Branch	Branches	US	Connecticut
75464420	Cohen Steve	System Management	Corporate	US	Pennsylvania
75675330	Davis Brett	Database Administrators	Corporate	US	Pennsylvania
75676560	Rodney Sergio	Database Administrators	Corporate	US	Pennsylvania
76329130	Eagle Richard	Fifth Ave Branch	Branches	US	New York
76342580	Redhead Richard	System Management	Corporate	US	Pennsylvania
77292450	Keren Cindy	Application Development	Corporate	US	Pennsylvania
77371120	Garr Jim	Marketing_Dept.	Corporate	US	New Jersey
82653450	Hill Gary	Fifth Ave Branch	Branches	US	New York
82922230	Levi Jay	Stamford Branch	Branches	US	Connecticut
83838380	Helmuth Howard	Marketing_Dept.	Corporate	US	New Jersey
84774660	Mills Robert	Fifth Ave Branch	Branches	US	New York
84847310	Goid Wiliam	Human Resources	Corporate	US	New Jersey
84848110	Fidelity Bob	Operations	Corporate	US	New Jersey
86023090	Sterling Kent	Human Resources	Corporate	US	New Jersey
86129030	Stahlman Michael	Human Resources	Corporate	US	New Jersey
86446130	Bizman Michelle	Application Development	Corporate	US	Pennsylvania
86544420	Fred John	System Management	Corporate	US	Pennsylvania
87347830	Mike Pamela	Application Development	Corporate	US	Pennsylvania
87368000	Toper Jim	Stamford Branch	Branches	US	Connecticut
87473220	Saven Werner	Fifth Ave Branch	Branches	US	New York
87487780	Wear Isabelle	Stamford Branch	Branches	US	Connecticut
87623450	Moos Steve	Human Resources	Corporate	US	New Jersey
87623490	Atek Rogers	Fifth Ave Branch	Branches	US	New York
87635420	Bell Kim	Marketing_Dept.	Corporate	US	New Jersey
88261730	Green Richard	Human Resources	Corporate	US	New Jersey
88311130	Goodman Bruce	Marketing_Dept.	Corporate	US	New Jersey

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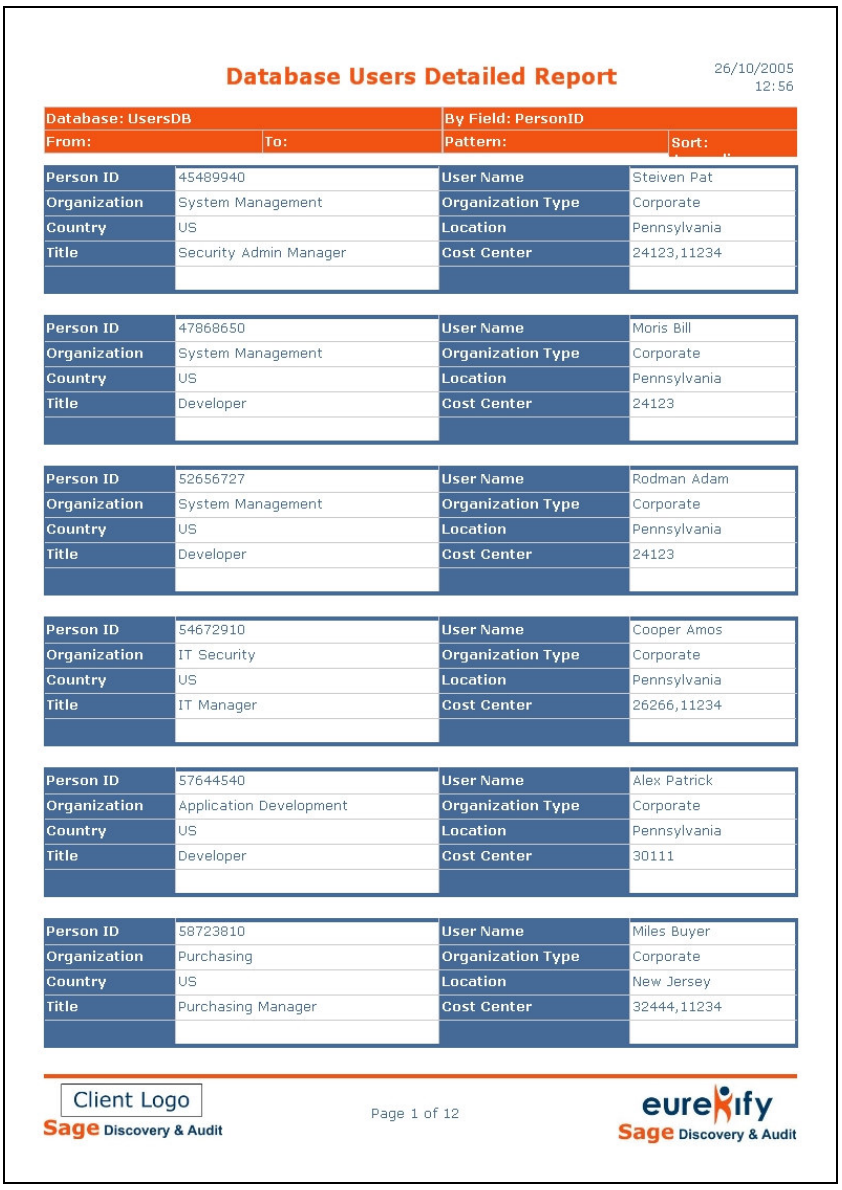
Figure 28 Database Users Report

2.2.2 Database Users Detailed Report

General: Lists some/all of a database's users, including ALL user fields

Parameters:

- Users Database
- By Field - Which user field to choose users by
- From/To – Choose a range of values or leave empty for all
- Pattern – Show only users who match a pattern.



Database Users Detailed Report

26/10/2005 12:56

Database: UsersDB		By Field: PersonID	
From:	To:	Pattern:	Sort:

Person ID	45489940	User Name	Steiven Pat
Organization	System Management	Organization Type	Corporate
Country	US	Location	Pennsylvania
Title	Security Admin Manager	Cost Center	24123,11234

Person ID	47868650	User Name	Moris Bill
Organization	System Management	Organization Type	Corporate
Country	US	Location	Pennsylvania
Title	Developer	Cost Center	24123

Person ID	52656727	User Name	Rodman Adam
Organization	System Management	Organization Type	Corporate
Country	US	Location	Pennsylvania
Title	Developer	Cost Center	24123

Person ID	54672910	User Name	Cooper Amos
Organization	IT Security	Organization Type	Corporate
Country	US	Location	Pennsylvania
Title	IT Manager	Cost Center	26266,11234

Person ID	57644540	User Name	Alex Patrick
Organization	Application Development	Organization Type	Corporate
Country	US	Location	Pennsylvania
Title	Developer	Cost Center	30111

Person ID	58723810	User Name	Miles Buyer
Organization	Purchasing	Organization Type	Corporate
Country	US	Location	New Jersey
Title	Purchasing Manager	Cost Center	32444,11234

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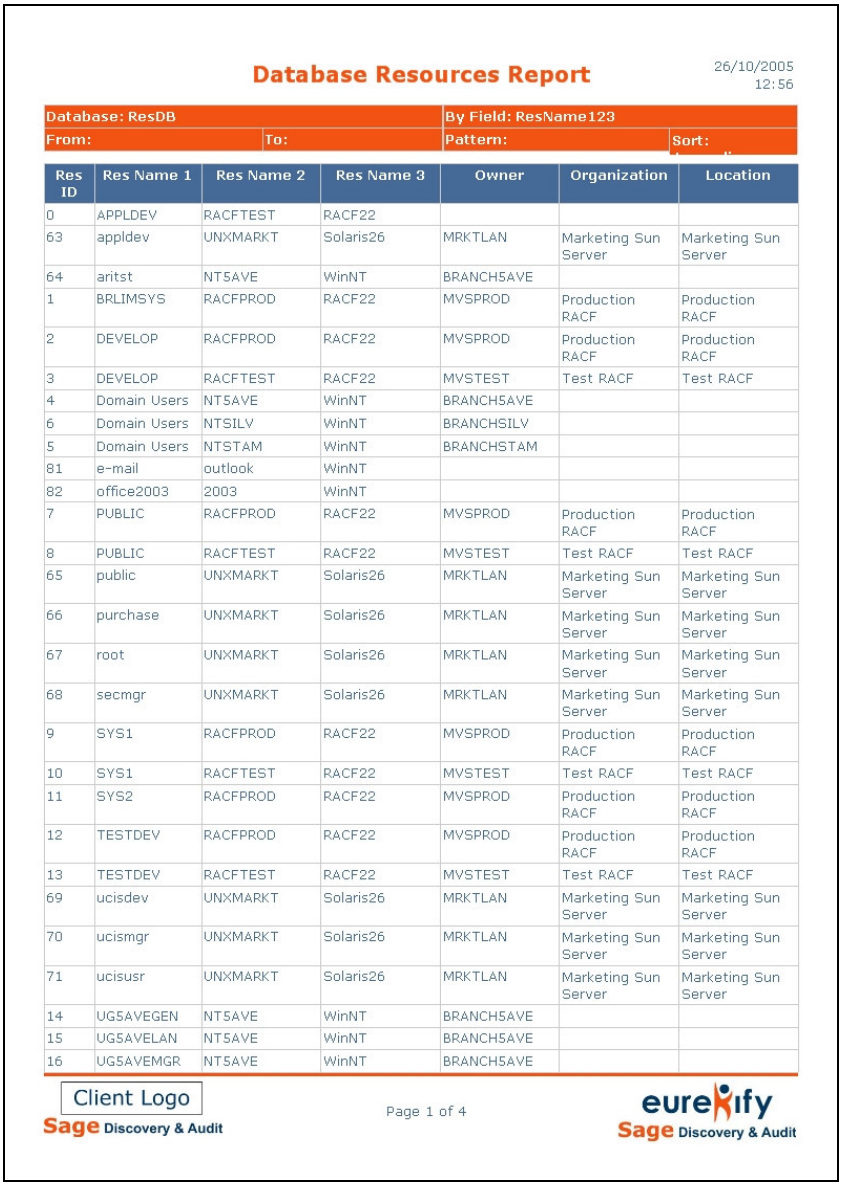
Figure 29 Database Users Detailed Report

2.2.3 Database Resources Report

General: Lists some/all of a database's resources, one per line

Parameters:

- Resources Database
- By Field - Which resource field to choose users by
- From/To – Choose a range of values or leave empty for all
- Pattern – Show only resources who match a pattern.



Database Resources Report

26/10/2005 12:56

Database: ResDB | By Field: ResName123
From: | To: | Pattern: | Sort:

Res ID	Res Name 1	Res Name 2	Res Name 3	Owner	Organization	Location
0	APPLDEV	RACFTEST	RACF22			
63	appldev	UNXMARKT	Solaris26	MRKTLAN	Marketing Sun Server	Marketing Sun Server
64	aritst	NT5AVE	WinNT	BRANCH5AVE		
1	BRLIMSYS	RACFPROD	RACF22	MVSPROD	Production RACF	Production RACF
2	DEVELOP	RACFPROD	RACF22	MVSPROD	Production RACF	Production RACF
3	DEVELOP	RACFTEST	RACF22	MVSTEST	Test RACF	Test RACF
4	Domain Users	NT5AVE	WinNT	BRANCH5AVE		
6	Domain Users	NTSILV	WinNT	BRANCHSILV		
5	Domain Users	NTSTAM	WinNT	BRANCHSTAM		
81	e-mail	outlook	WinNT			
82	office2003	2003	WinNT			
7	PUBLIC	RACFPROD	RACF22	MVSPROD	Production RACF	Production RACF
8	PUBLIC	RACFTEST	RACF22	MVSTEST	Test RACF	Test RACF
65	public	UNXMARKT	Solaris26	MRKTLAN	Marketing Sun Server	Marketing Sun Server
66	purchase	UNXMARKT	Solaris26	MRKTLAN	Marketing Sun Server	Marketing Sun Server
67	root	UNXMARKT	Solaris26	MRKTLAN	Marketing Sun Server	Marketing Sun Server
68	secmgr	UNXMARKT	Solaris26	MRKTLAN	Marketing Sun Server	Marketing Sun Server
9	SYS1	RACFPROD	RACF22	MVSPROD	Production RACF	Production RACF
10	SYS1	RACFTEST	RACF22	MVSTEST	Test RACF	Test RACF
11	SYS2	RACFPROD	RACF22	MVSPROD	Production RACF	Production RACF
12	TESTDEV	RACFPROD	RACF22	MVSPROD	Production RACF	Production RACF
13	TESTDEV	RACFTEST	RACF22	MVSTEST	Test RACF	Test RACF
69	ucisdev	UNXMARKT	Solaris26	MRKTLAN	Marketing Sun Server	Marketing Sun Server
70	ucismgr	UNXMARKT	Solaris26	MRKTLAN	Marketing Sun Server	Marketing Sun Server
71	ucisusr	UNXMARKT	Solaris26	MRKTLAN	Marketing Sun Server	Marketing Sun Server
14	UG5AVEGEN	NT5AVE	WinNT	BRANCH5AVE		
15	UG5AVELAN	NT5AVE	WinNT	BRANCH5AVE		
16	UG5AVEMGR	NT5AVE	WinNT	BRANCH5AVE		

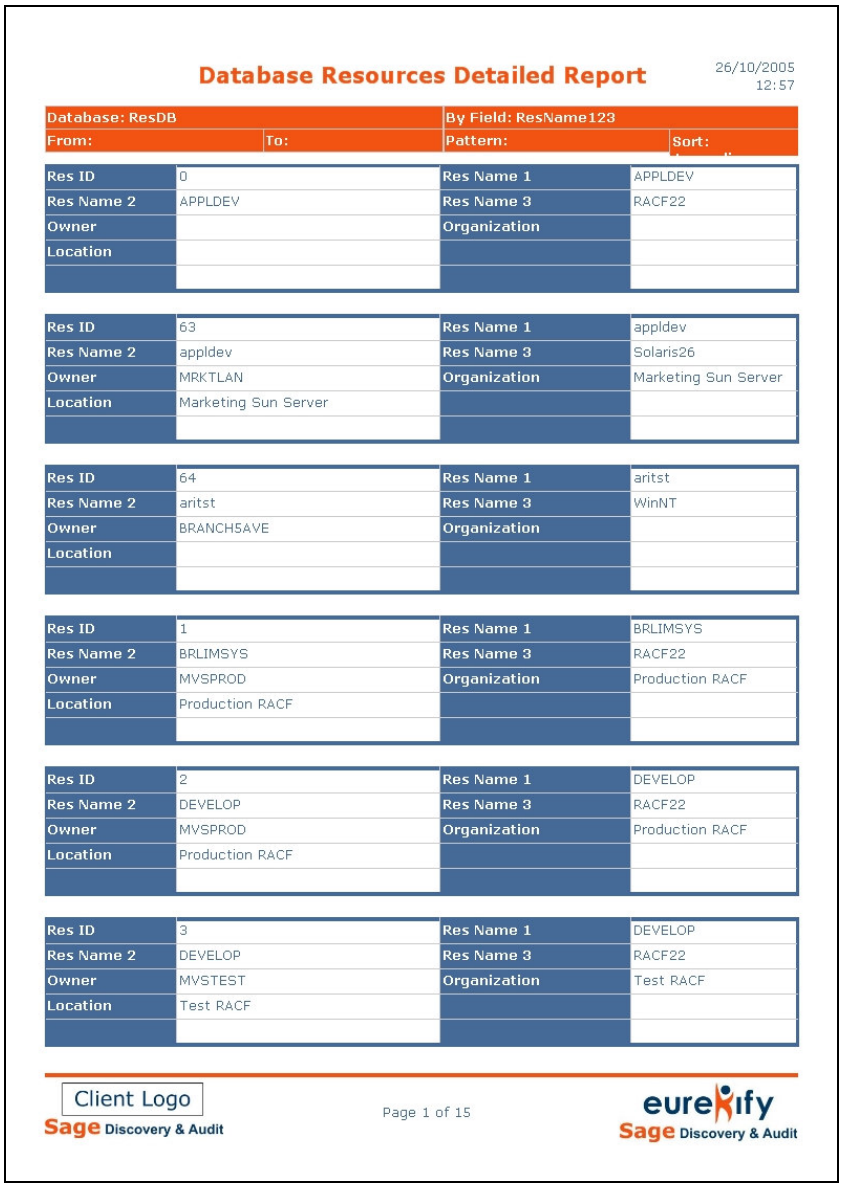
Figure 30 Database Resources Report

2.2.4 Database Resources Detailed Report

General: Lists some/all of a database's resources, including ALL resource fields

Parameters:

- Resources Database
- By Field - Which resource field to choose users by
- From/To – Choose a range of values or leave empty for all
- Pattern – Show only resources who match a pattern.



Database Resources Detailed Report

26/10/2005 12:57

Database: ResDB		By Field: ResName123	
From:	To:	Pattern:	Sort:

Res ID	0	Res Name 1	APPLDEV
Res Name 2	APPLDEV	Res Name 3	RACF22
Owner		Organization	
Location			

Res ID	63	Res Name 1	appldev
Res Name 2	appldev	Res Name 3	Solaris26
Owner	MRKTLAN	Organization	Marketing Sun Server
Location	Marketing Sun Server		

Res ID	64	Res Name 1	aritst
Res Name 2	aritst	Res Name 3	WinNT
Owner	BRANCH5AVE	Organization	
Location			

Res ID	1	Res Name 1	BRLIMSYS
Res Name 2	BRLIMSYS	Res Name 3	RACF22
Owner	MVSPROD	Organization	Production RACF
Location	Production RACF		

Res ID	2	Res Name 1	DEVELOP
Res Name 2	DEVELOP	Res Name 3	RACF22
Owner	MVSPROD	Organization	Production RACF
Location	Production RACF		

Res ID	3	Res Name 1	DEVELOP
Res Name 2	DEVELOP	Res Name 3	RACF22
Owner	MVSTEST	Organization	Test RACF
Location	Test RACF		

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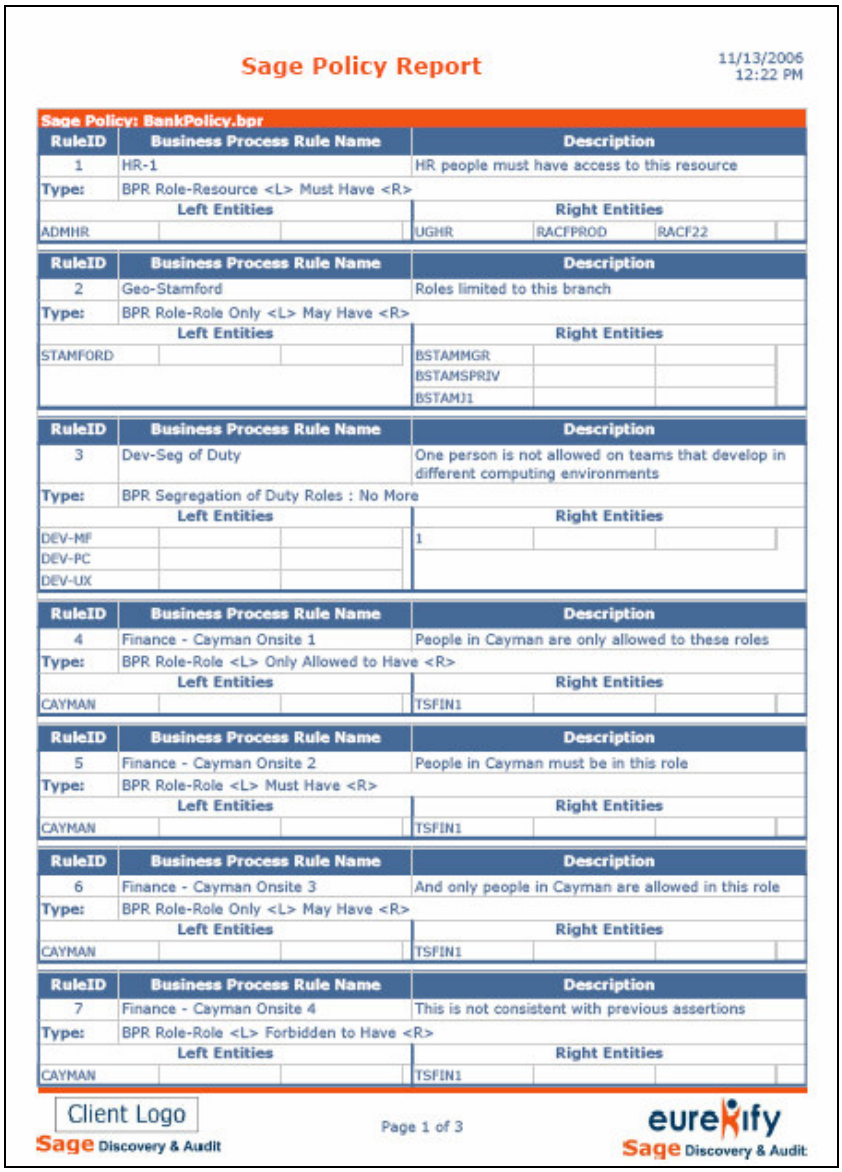
Figure 31 Database Resources Detailed Report

2.3 Auditing and Compliance Reports

2.3.1 Sage Policy Report

General: A report that displays all the Business Process Roles that compose a Policy (saved in a .BPR file).

Parameters: BPR File



Sage Policy Report

11/13/2006 12:22 PM

Sage Policy: BankPolicy.bpr

RuleID	Business Process Rule Name	Description
1	HR-1	HR people must have access to this resource
Type:	BPR Role-Resource <L> Must Have <R>	
Left Entities		Right Entities
ADMHR		UGHR, RACFPROD, RACF22

RuleID	Business Process Rule Name	Description
2	Geo-Stamford	Roles limited to this branch
Type:	BPR Role-Role Only <L> May Have <R>	
Left Entities		Right Entities
STAMFORD		BSTAMMGR, BSTAMSPRIV, BSTAMJ1

RuleID	Business Process Rule Name	Description
3	Dev-Seg of Duty	One person is not allowed on teams that develop in different computing environments
Type:	BPR Segregation of Duty Roles : No More	
Left Entities		Right Entities
DEV-MF, DEV-PC, DEV-UX		1

RuleID	Business Process Rule Name	Description
4	Finance - Cayman Onsite 1	People in Cayman are only allowed to these roles
Type:	BPR Role-Role <L> Only Allowed to Have <R>	
Left Entities		Right Entities
CAYMAN		TSFIN1

RuleID	Business Process Rule Name	Description
5	Finance - Cayman Onsite 2	People in Cayman must be in this role
Type:	BPR Role-Role <L> Must Have <R>	
Left Entities		Right Entities
CAYMAN		TSFIN1

RuleID	Business Process Rule Name	Description
6	Finance - Cayman Onsite 3	And only people in Cayman are allowed in this role
Type:	BPR Role-Role Only <L> May Have <R>	
Left Entities		Right Entities
CAYMAN		TSFIN1

RuleID	Business Process Rule Name	Description
7	Finance - Cayman Onsite 4	This is not consistent with previous assertions
Type:	BPR Role-Role <L> Forbidden to Have <R>	
Left Entities		Right Entities
CAYMAN		TSFIN1

Figure 32 Sage Policy Report

2.3.2 AuditCard Alerts Report

General: A report that displays some/all of the alerts in the given AuditCard, according to the given parameters.

Parameters:

- Configuration
- AuditCard
- From/To values for EntryID, Status, Date and Type
- 3 optional sort by fields
- Show all alerts or just the most recent ones.

AuditCard Basic Alerts Report

26/10/2005 06:05

Config: ConfigWIthRoles3				AuditCard: ConfigWIthRoles3Audit1			
ID	Status	Date/Time	Type	First Entity	Second Entity	Third Entity	Scr.
Suspected Entities					Count: 9		
11	Suspected	23/10/2005 10:19:17	Suspect Role Definition	BASIC ROLE			2322
12	Suspected	23/10/2005 10:19:17	Suspect Role Definition	ADMGNRL			565
4	Suspected	23/10/2005 10:19:17	Suspected Collector	64646410			179
5	Suspected	23/10/2005 10:19:17	Suspected Collectible	UGADGEN1.Administration.[ROOT],NOVELADM,Novell4			100
6	Suspected	23/10/2005 10:19:17	Suspected Collectible	UGMPBR,RACFPROD,RACF22			100
7	Suspected	23/10/2005 10:19:17	Suspected Collectible	public,UNXMARKT,Solaris26			100
8	Suspected	23/10/2005 10:19:17	Suspected Collectible	ugrkgen1,UNXMARKT,Solaris26			100
9	Suspected	23/10/2005 10:19:17	Suspected Collectible	e-mail,outlook,WinNT			100
10	Suspected	23/10/2005 10:19:17	Suspected Collectible	office2003,2003,WinNT			100
Suspected Connections					Count: 111		
47	Suspected	23/10/2005 10:19:17	Suspect Role-Res Connection	ADMGNRL	UGADGEN1.Administration.[ROOT],NOVELADM,Novell4		65
24	Suspected	23/10/2005 10:19:17	Suspect Role-Res Connection	UGFTRLK	UG5AVELAN,NT5AVE,WinNT		56
25	Suspected	23/10/2005 10:19:17	Suspect Role-Res Connection	B5AVELAN	UG5AVELAN,NT5AVE,WinNT		56
26	Suspected	23/10/2005 10:19:17	Suspect Role-Res Connection	B5AVEJ1	UG5AVELAN,NT5AVE,WinNT		55
62	Suspected	23/10/2005 10:19:17	Suspect Role-Res Connection	Organization - Database Administrators	UGAPPLDEV.Administration.[ROOT],NOVELADM,Novell4		55
63	Suspected	23/10/2005 10:19:17	Suspect Role-Res Connection	Organization - Application Development	UGAPPLDEV.Administration.[ROOT],NOVELADM,Novell4		51
60	Suspected	23/10/2005 10:19:17	Suspect Role-Res Connection	UGFTRLK	UGADSYS.Administration.[ROOT],NOVELADM,Novell4		51

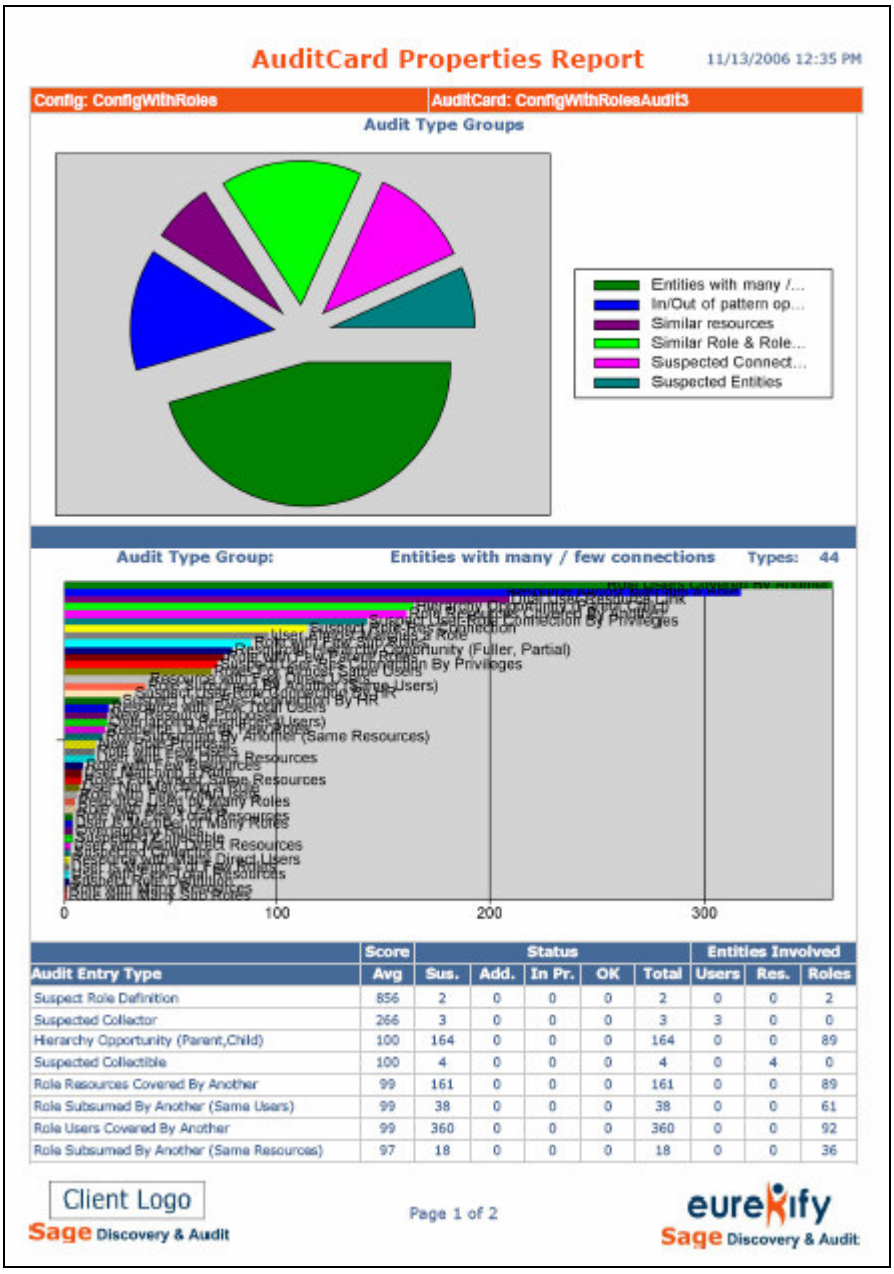
Figure 33 AuditCard Basic Alerts Report

2.3.3 AuditCard Properties Report

General: A report that displays various properties of a given AuditCard, such as how many alerts of each type are there and in what status, average scores and pie-charts showing alert distribution.

Parameters:

- Configuration
- AuditCard



	Score	Status					Entities Involved		
Audit Entry Type	Avg	Sus.	Add.	In Pr.	OK	Total	Users	Res.	Roles
Suspect Role Definition	856	2	0	0	0	2	0	0	2
Suspected Collector	266	3	0	0	0	3	3	0	0
Hierarchy Opportunity (Parent,Child)	100	164	0	0	0	164	0	0	89
Suspected Collectible	100	4	0	0	0	4	0	4	0
Role Resources Covered By Another	99	161	0	0	0	161	0	0	89
Role Subsumed By Another (Same Users)	99	38	0	0	0	38	0	0	61
Role Users Covered By Another	99	360	0	0	0	360	0	0	92
Role Subsumed By Another (Same Resources)	97	18	0	0	0	18	0	0	36

Figure 34 AuditCard Properties Report

2.3.4 AuditCard Alerts by Type Group

General: A report that displays some/all of the alerts in the given AuditCard by Type Group, according to the given parameters.

Parameters:

- Configuration
- Audit Card
- Group Type

AuditCard Alerts by Type Group Report 9/10/2006 3:36:23 PM

Config: ConfigWithRoles		AuditCard: ConfigWithRolesAudit1			
Type Group: Business Process					
First Entity	Second Entity	Scr.	Status	Date	Description
BPR Role-Role Only <L> May Have <R>					
Hacr Kathy (98383840)	CAYMAN	0	Suspected	8/30/2006	Finance - Cayman Onsite 3: And only people in Cayman are allowed in this role
BPR Role-Role <L> Must Have <R>					
Cherry Jay (89753140)	CAYMAN	0	Suspected	8/30/2006	Finance - Cayman Onsite 2: People in Cayman must be in this role
BPR Role-Role <L> Forbidden to Have <R>					
Hope Collin (91724340)	CAYMAN	0	Suspected	8/30/2006	Finance - Cayman Onsite 4: This is not consistent with previous assertions
Hore Cathrine (97774230)	CAYMAN	0	Suspected	8/30/2006	Finance - Cayman Onsite 4: This is not consistent with previous assertions
Rolen Dave (98383770)	CAYMAN	0	Suspected	8/30/2006	Finance - Cayman Onsite 4: This is not consistent with previous assertions
BPR Role-Role <L> Only Allowed to Have <R>					
Cherry Jay (89753140)	CAYMAN	0	Suspected	8/30/2006	Finance - Cayman Onsite 1: People in Cayman are only allowed to these roles
Cherry Jay (89753140)	CAYMAN	0	Suspected	8/30/2006	Finance - Cayman Onsite 1: People in Cayman are only allowed to these roles
Cherry Jay (89753140)	CAYMAN	0	Suspected	8/30/2006	Finance - Cayman Onsite 1: People in Cayman are only allowed to these roles
Cherry Jay (89753140)	CAYMAN	0	Suspected	8/30/2006	Finance - Cayman Onsite 1: People in Cayman are only allowed to these roles
Cherry Jay (89753140)	CAYMAN	0	Suspected	8/30/2006	Finance - Cayman Onsite 1: People in Cayman are only allowed to these roles

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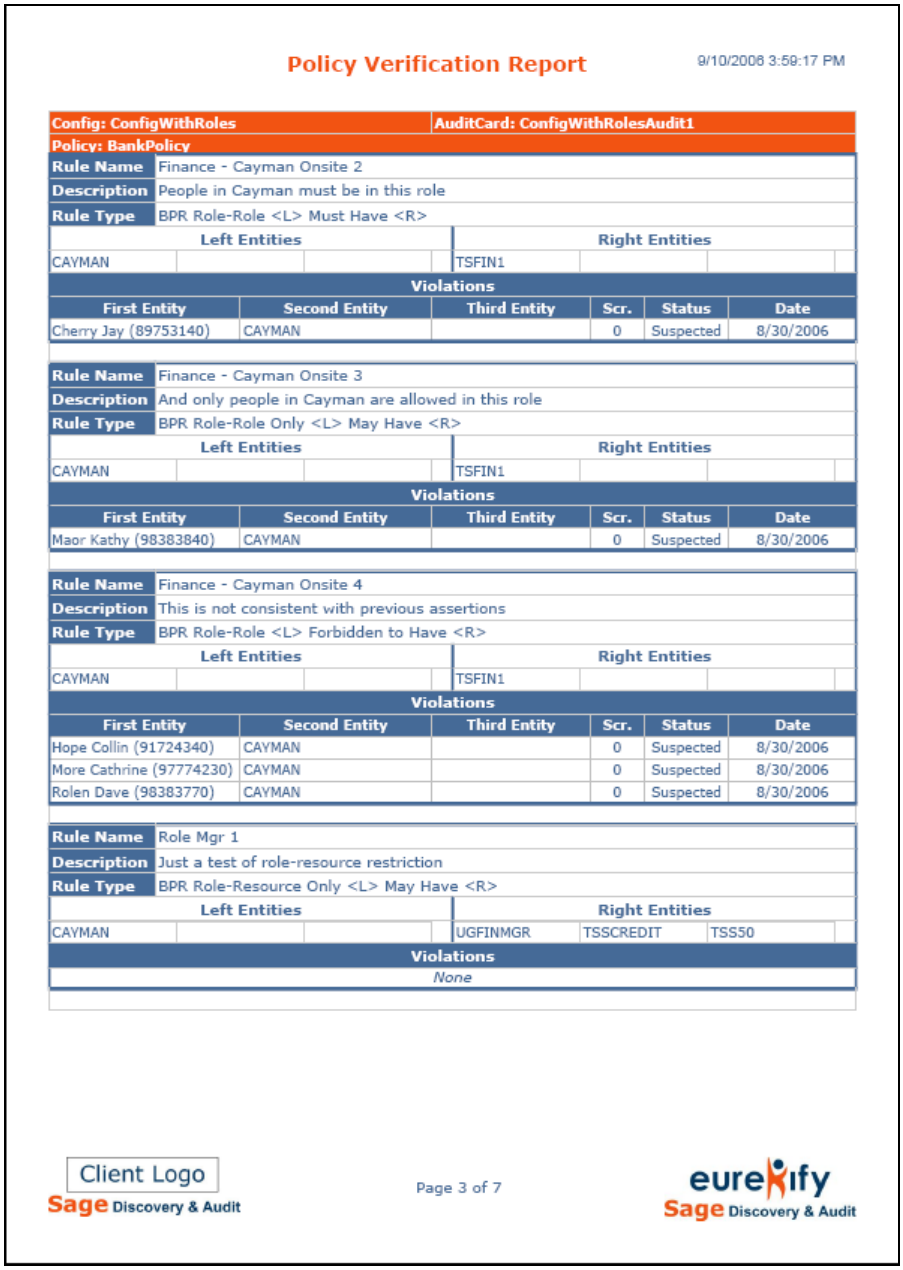
Figure 35 Audit Card Alerts by Type Group

2.3.5 Policy Verification Report

General: A report that displays the violations of each rule for a given Sage Policy

Parameters:

- Configuration
- Audit Card
- Sage Policy



Policy Verification Report

9/10/2008 3:59:17 PM

Config: ConfigWithRoles	AuditCard: ConfigWithRolesAudit1

Policy: BankPolicy

Rule Name	Finance - Cayman Onsite 2
Description	People in Cayman must be in this role
Rule Type	BPR Role-Role <L> Must Have <R>

Left Entities	Right Entities
CAYMAN	TSFIN1

Violations

First Entity	Second Entity	Third Entity	Scr.	Status	Date
Cherry Jay (89753140)	CAYMAN		0	Suspected	8/30/2006

Rule Name	Finance - Cayman Onsite 3
Description	And only people in Cayman are allowed in this role
Rule Type	BPR Role-Role Only <L> May Have <R>

Left Entities	Right Entities
CAYMAN	TSFIN1

Violations

First Entity	Second Entity	Third Entity	Scr.	Status	Date
Maor Kathy (98383840)	CAYMAN		0	Suspected	8/30/2006

Rule Name	Finance - Cayman Onsite 4
Description	This is not consistent with previous assertions
Rule Type	BPR Role-Role <L> Forbidden to Have <R>

Left Entities	Right Entities
CAYMAN	TSFIN1

Violations

First Entity	Second Entity	Third Entity	Scr.	Status	Date
Hope Collin (91724340)	CAYMAN		0	Suspected	8/30/2006
More Cathrine (97774230)	CAYMAN		0	Suspected	8/30/2006
Rolen Dave (98383770)	CAYMAN		0	Suspected	8/30/2006

Rule Name	Role Mgr 1
Description	Just a test of role-resource restriction
Rule Type	BPR Role-Resource Only <L> May Have <R>

Left Entities	Right Entities		
CAYMAN	UGFINMGR	TSSCREDIT	TSS50

Violations

None

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Figure 36 Policy Verification Report

2.3.6 Sage Policy Status Report

General: A report that displays the percentage of violations for each rule in a given policy

Parameters:

- Configuration
- Audit Card
- Sage Policy

Sage Policy Status Report

9/10/2006 4:29:16 PM

Configuration: ConfigWithRoles	AuditCard: ConfigWithRolesAudit1		
Sage Policy: BankPolicy			
BPR Role-Resource <L> Must Have <R>			
HR-1	HR people must have access to this resource	0/2	100 %
Role Mgr 2	role resource 2	3/4	25 % / 75 %
BPR Role-Role Only <L> May Have <R>			
Geo-Stamford	Roles limited to this branch	0/61	100 %
Finance - Cayman Onsite 3	And only people in Cayman are allowed in this role	1/64	98 % / 2 %
BPR Segregation of Duty Roles : No More			
Dev-Seg of Duty	One person is not allowed on teams that develop in different computing environments	1/8	88 % / 13 %
BPR Role-Role <L> Only Allowed to Have <R>			
Finance - Cayman Onsite 1	People in Cayman are only allowed to these roles	4/4	100 %
BPR Role-Role <L> Must Have <R>			
Finance - Cayman Onsite 2	People in Cayman must be in this role	1/4	75 % / 25 %
BPR Role-Role <L> Forbidden to Have <R>			
Finance - Cayman Onsite 4	This is not consistent with previous assertions	3/4	25 % / 75 %
BPR Role-Resource Only <L> May Have <R>			
Role Mgr 1	Just a test of role-resource restriction	0/64	100 %
BPR Role-Resource <L> Forbidden to Have <R>			
Role Mgr 3	role resource 3	1/4	75 % / 25 %
BPR Role-Resource <L> Only Allowed to Have <R>			
Role Mgr 4	role resource 4	4/4	100 %
BPR Segregation of Duty Resources : Exactly			
Res-Seg-1	Segregation of Duty on Resources	2/14	86 % / 14 %
BPR Resource-Resource <L> Forbidden to Have <R>			
Test vs Prod	You cannot use production from your test account	4/4	100 %
BPR User Attribute-Role Only <L> May Have <R>			
Fifth ave	Only people from Fifth Ave allowed in Fifth Ave Roles	4/58	93 % / 7 %
BPR User Count of Role : No More			
license		0/1	100 %

Figure 37 Sage Policy Status Report

2.4 Survey Reports

Prerequisites:

Survey reports are used in the process of a survey, and usually require a pre-made AuditCard that checks for certain alerts.

Thresholds:

Some survey reports use score thresholds to divide alerts into categories.

Alerts with score < *Very Low* will be counted in the *Very Low* category. Alerts with score between *Very Low* and *Low* will be counted in the *Low* category and so on. The category *Very High* counts the alerts whose score is higher than the *High* threshold. The *OK* category counts respective entities in the configuration which do not have an alert. For example, how many configuration users do not have an alert in the AuditCard.

You can use the alert statistics displayed above the thresholds, such as average score and STDEV, to determine the threshold values you want, or use the default values, which are:

Score	***Description***
Very Low:	Average Score
Low:	Average +0.5 STDEV
Med:	Average +1.0 STDEV
High:	Average +1.5 STDEV

2.4.1 Privileges Statistics Report for Users

General: Shows general counters and statistics about configuration users, user-role connections and user-resource connections, including bar charts.

Parameters: Configuration

Figure 38 Privileges Statistics Report for Users

2.4.2 Privileges Statistics Report for Resources

General: Shows general counters and statistics about configuration resources, resource-user connections and resource-role connections, including bar charts.

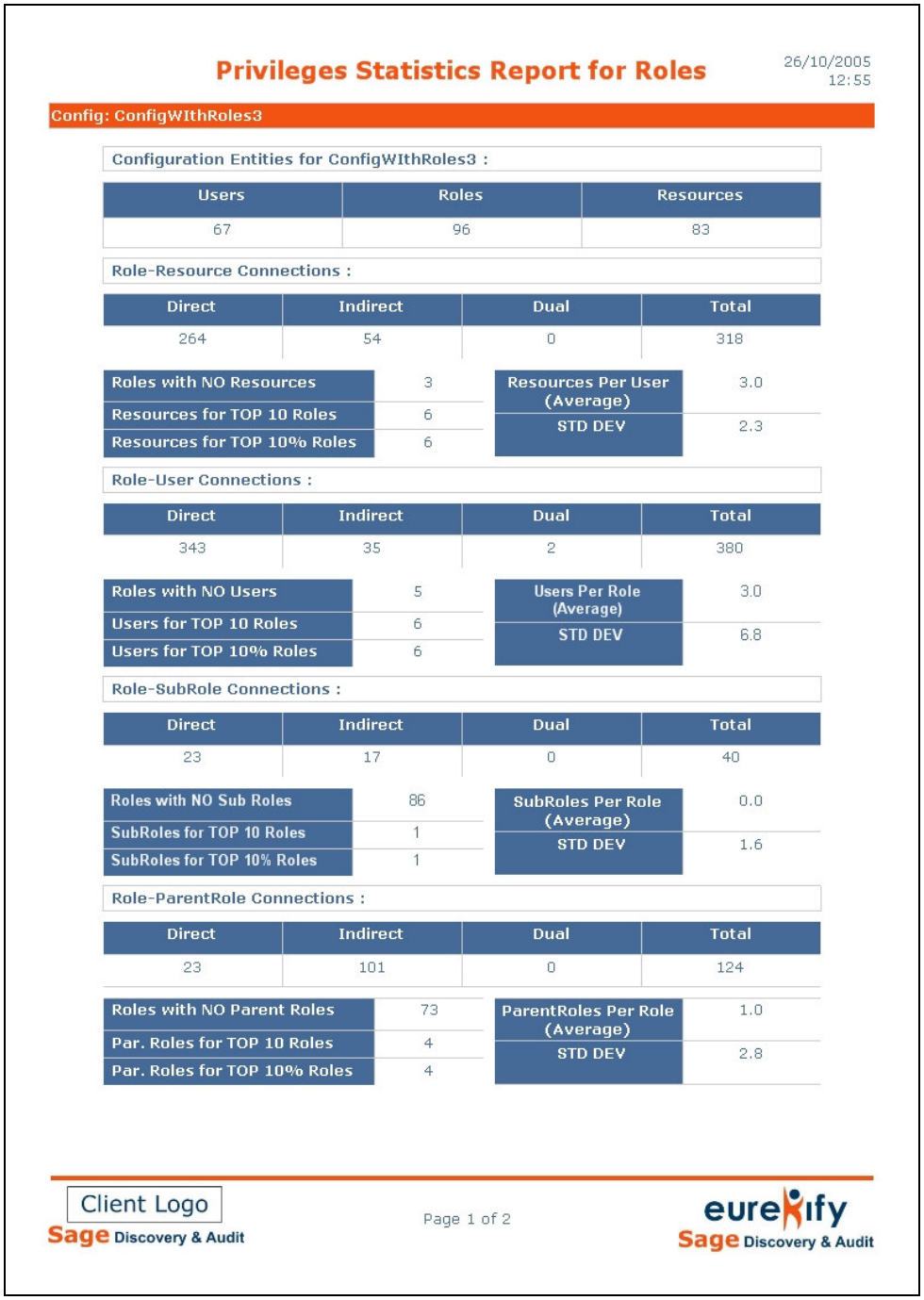
Parameters: Configuration

Figure 39 Privileges Statistics Report for Resources

2.4.3 Privileges Statistics Report for Roles

General: Shows general counters and statistics about configuration roles, role-user connections and role-resource connections, including bar charts.

Parameters: Configuration



Privileges Statistics Report for Roles

26/10/2005 12:55

Config: ConfigWIthRoles3

Configuration Entities for ConfigWIthRoles3 :

Users	Roles	Resources
67	96	83

Role-Resource Connections :

Direct	Indirect	Dual	Total
264	54	0	318

Roles with NO Resources	3	Resources Per User (Average)	3.0
Resources for TOP 10 Roles	6	STD DEV	2.3
Resources for TOP 10% Roles	6		

Role-User Connections :

Direct	Indirect	Dual	Total
343	35	2	380

Roles with NO Users	5	Users Per Role (Average)	3.0
Users for TOP 10 Roles	6	STD DEV	6.8
Users for TOP 10% Roles	6		

Role-SubRole Connections :

Direct	Indirect	Dual	Total
23	17	0	40

Roles with NO Sub Roles	86	SubRoles Per Role (Average)	0.0
SubRoles for TOP 10 Roles	1	STD DEV	1.6
SubRoles for TOP 10% Roles	1		

Role-ParentRole Connections :

Direct	Indirect	Dual	Total
23	101	0	124

Roles with NO Parent Roles	73	ParentRoles Per Role (Average)	1.0
Par. Roles for TOP 10 Roles	4	STD DEV	2.8
Par. Roles for TOP 10% Roles	4		

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Figure 40 Privileges Statistics Report for Roles

2.4.4 Users and Resources Overview Analysis Report

General: A survey report: Shows an analysis of users including how many users with few resources, users who are collectors, users who have suspect connections. The report includes a pie chart and similarly for resources.

Parameters:

- Configuration
- AuditCard
- Collectors, Collectibles and Suspected User-Resource Connections Thresholds – These parameters determine the minimum score for an audit alert to be counted for the purpose of the survey. Meaning, if there are 10 collectors alerts in the AuditCard and 8 of these have score higher than 80, and the collectors threshold is 80 then the report would show 8 collectors. Note that the parameters section of the screen shows the average score and standard deviation of each of the alerts, to help the user decide on the desired thresholds. Also, the threshold fields are automatically filled with the proposed default value, which is average score + ½ std.

Prerequisites:

- AuditCard which has the following alerts selected:
- Tab: Suspect Entities – User (Collectors), Resources (Collectibles).
- Suspect Connections: User-Resource
- Entities with many/few connections: Users with… Resources with…

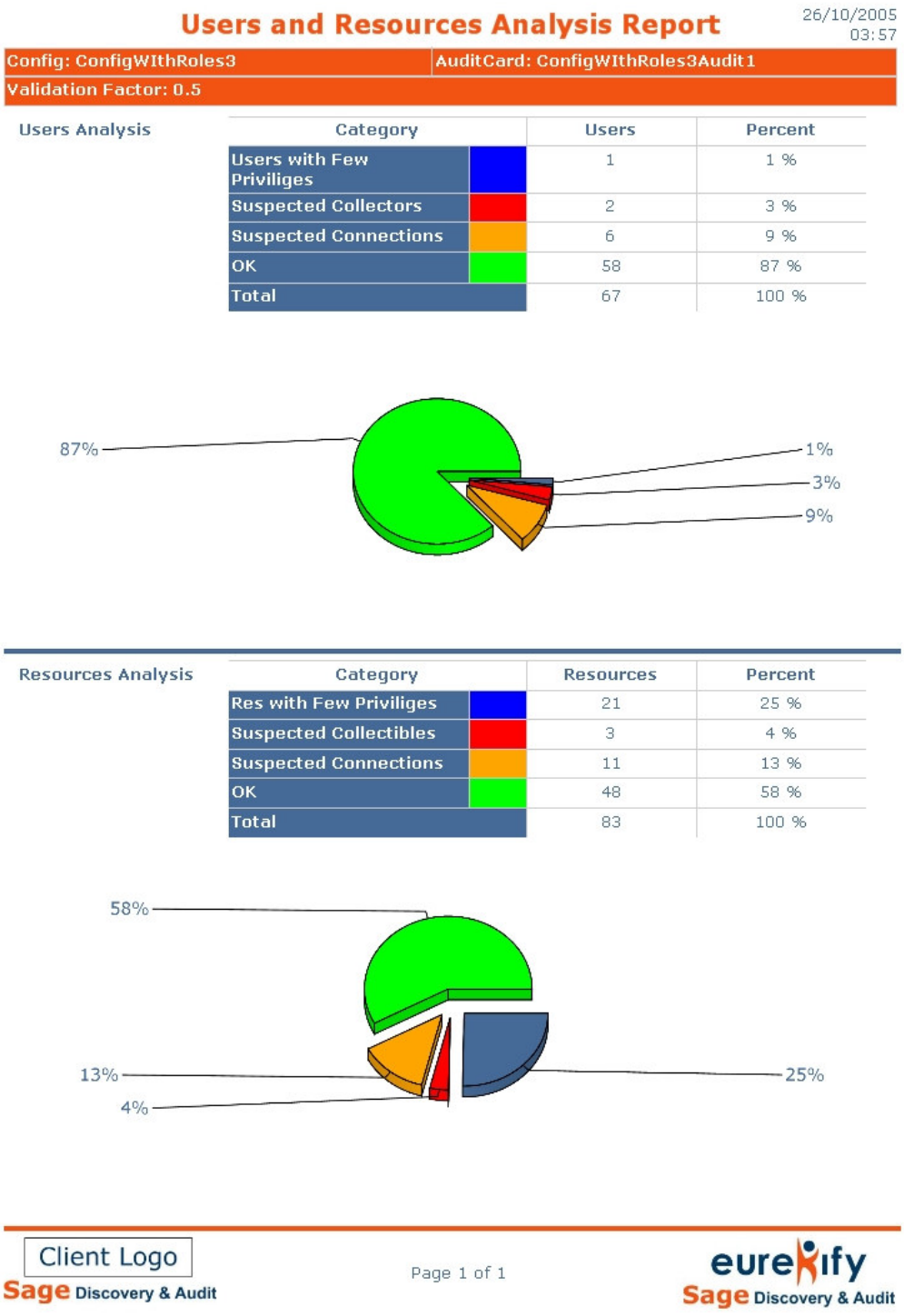


Figure 41 Users and Resources Analysis Report

2.4.5 Suspected Collectors Users

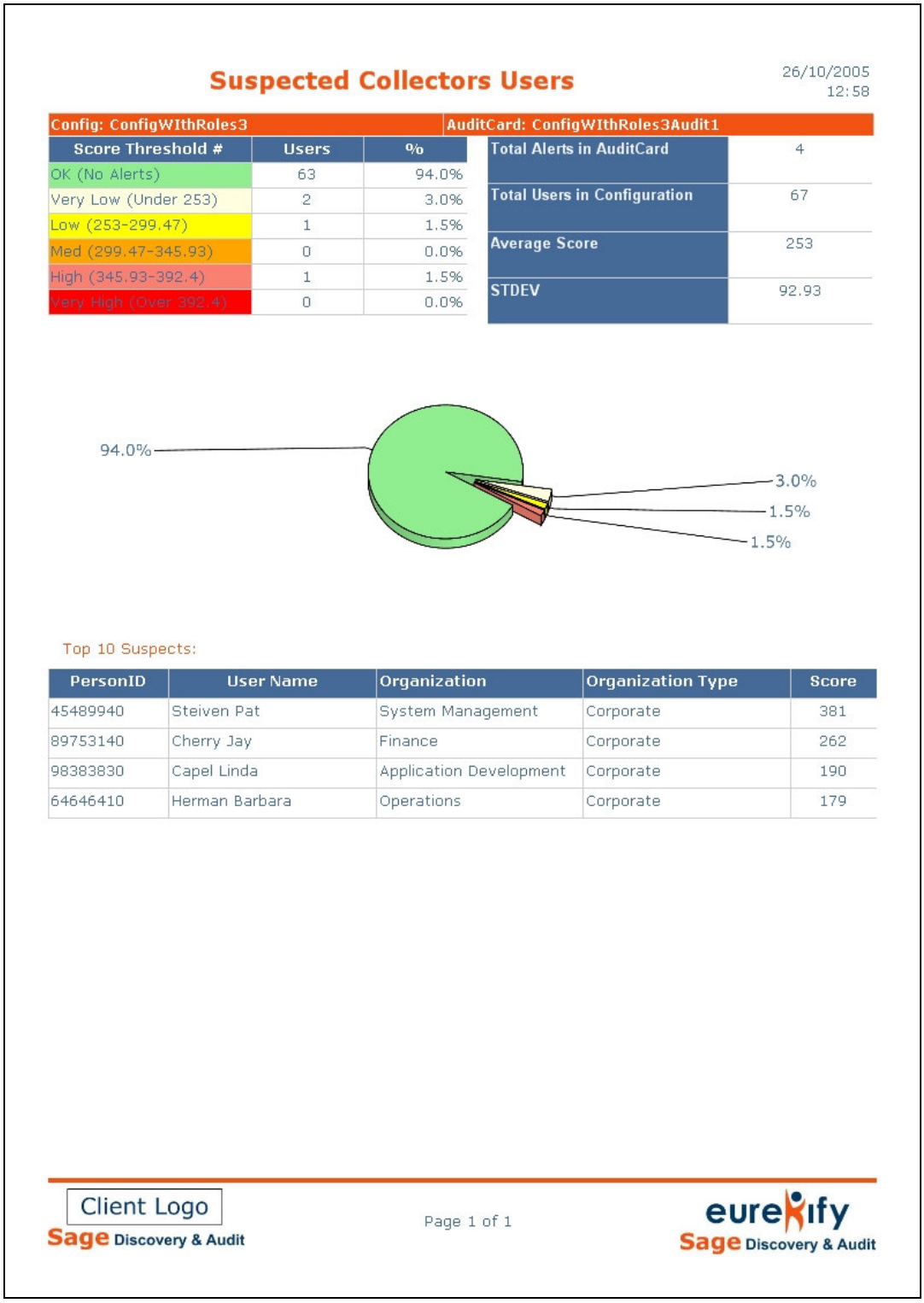
General: This report keeps track of the suspected collectors that appear in the given AuditCard, including how many alerts there are in each severity (based on the alert's score) with a pie chart, and a list of the top 10 collectors.

Parameters:

- Configuration
- AuditCard (see prerequisites)
- Very Low, Low, Med, High – These are the severity thresholds.

Prerequisites:

- AuditCard which has the following alerts selected:
- Tab: Suspect Entities
- Checkboxes: Users (Collectors)



Suspected Collectors Users

26/10/2005
12:58

Config: ConfigWIthRoles3		
Score Threshold #	**Users**	**%**
OK (No Alerts)	63	94.0%
Very Low (Under 253)	2	3.0%
Low (253-299.47)	1	1.5%
Med (299.47-345.93)	0	0.0%
High (345.93-392.4)	1	1.5%
Very High (Over 392.4)	0	0.0%

AuditCard: ConfigWIthRoles3Audit1	
Total Alerts in AuditCard	4
Total Users in Configuration	67
Average Score	253
STDEV	92.93

Top 10 Suspects:

PersonID	User Name	Organization	Organization Type	Score
45489940	Steiven Pat	System Management	Corporate	381
89753140	Cherry Jay	Finance	Corporate	262
98383830	Capel Linda	Application Development	Corporate	190
64646410	Herman Barbara	Operations	Corporate	179

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Figure 42 Suspected Collectors Users

2.4.6 Suspected Collectible Resources

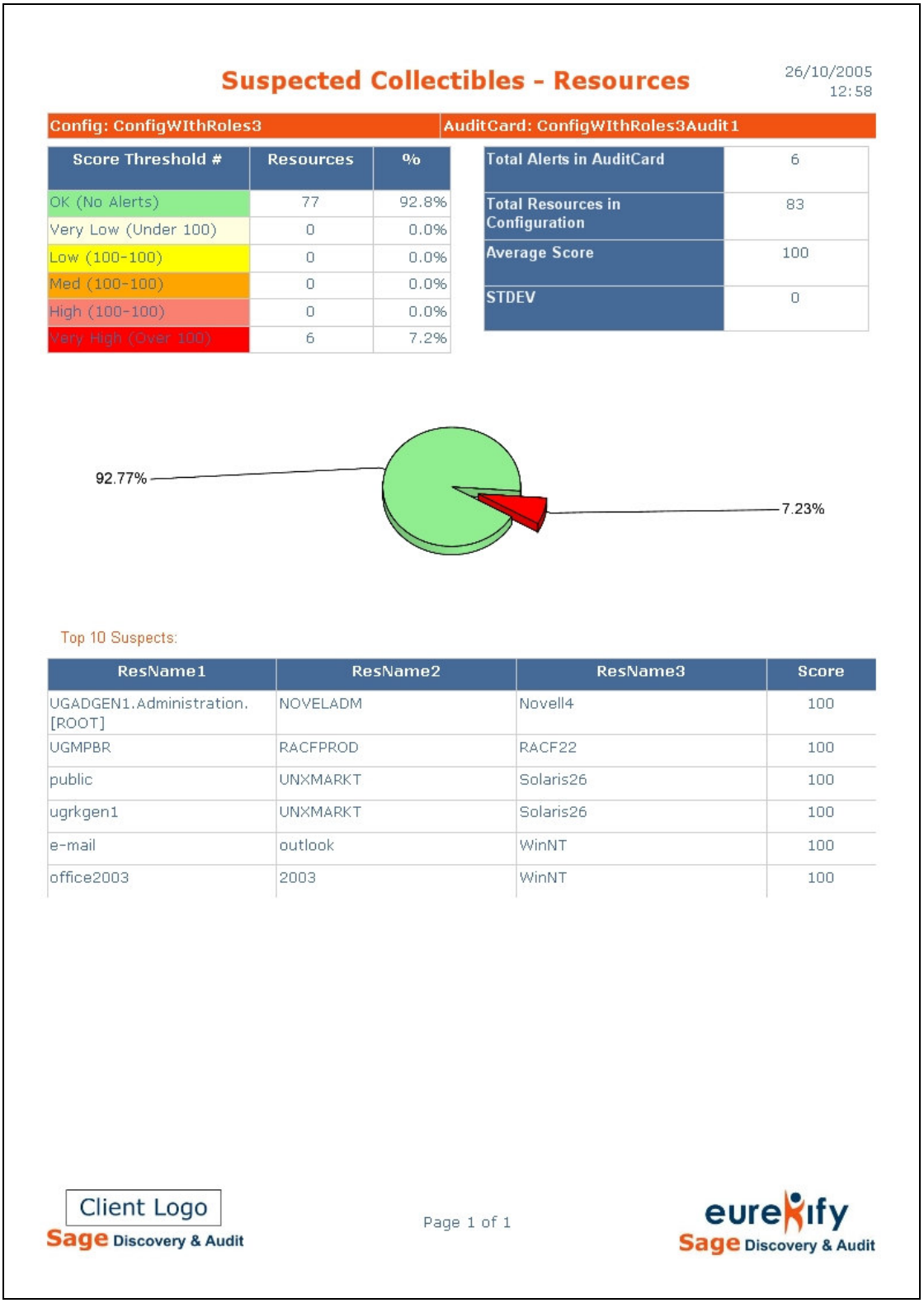
General: This report keeps track of the suspected collectible resources that appear in the given AuditCard, including how many alerts are there in each severity (based on the alert's score) with a pie chart, and a list of the top 10 collectibles.

Parameters:

- Configuration
- AuditCard (see prerequisites)
- Very Low, Low, Med, High – These are the severity thresholds.

Prerequisites:

- AuditCard which has the following alerts selected:
- Tab: Suspect Entities
- Checkboxes: Resources (Collectibles)



Suspected Collectibles - Resources

26/10/2005
12:58

Config: ConfigWIthRoles3	AuditCard: ConfigWIthRoles3Audit1

Score Threshold #	Resources	%
OK (No Alerts)	77	92.8%
Very Low (Under 100)	0	0.0%
Low (100-100)	0	0.0%
Med (100-100)	0	0.0%
High (100-100)	0	0.0%
Very High (Over 100)	6	7.2%

Total Alerts in AuditCard	6
Total Resources in Configuration	83
Average Score	100
STDEV	0

Top 10 Suspects:

ResName1	ResName2	ResName3	Score
UGADGEN1.Administration.[ROOT]	NOVELADM	Novell4	100
UGMPBR	RACFPROD	RACF22	100
public	UNXMARKT	Solaris26	100
ugrkgen1	UNXMARKT	Solaris26	100
e-mail	outlook	WinNT	100
office2003	2003	WinNT	100

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Figure 43 Suspected Collectibles Resources

2.4.7 Suspected Role Definitions

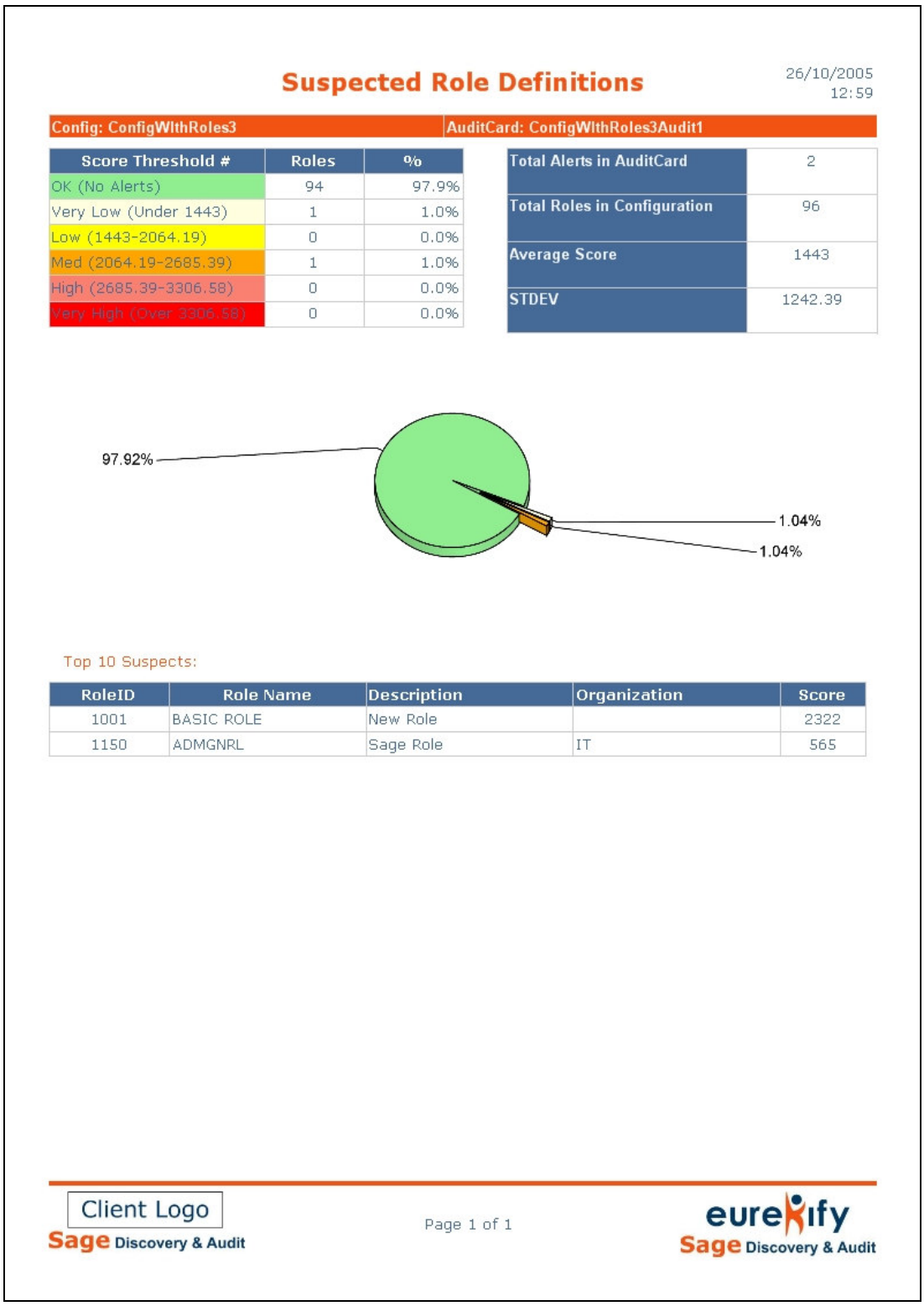
General: This report keeps track of the suspected role definitions that appear in the given AuditCard, including how many alerts are there in each severity (based on the alert's score) with a pie chart, and a list of the top 10 collectibles.

Parameters:

- Configuration
- AuditCard (see prerequisites)
- Very Low, Low, Med, High – These are the severity thresholds.

Prerequisites:

- AuditCard which has the following alerts selected:
- Tab: Suspect Entities
- Checkboxes: Suspect Roles



Suspected Role Definitions

26/10/2005
12:59

Config: ConfigWithRoles3	AuditCard: ConfigWithRoles3Audit1

Score Threshold #	Roles	%
OK (No Alerts)	94	97.9%
Very Low (Under 1443)	1	1.0%
Low (1443-2064.19)	0	0.0%
Med (2064.19-2685.39)	1	1.0%
High (2685.39-3306.58)	0	0.0%
Very High (Over 3306.58)	0	0.0%

Total Alerts in AuditCard	2
Total Roles in Configuration	96
Average Score	1443
STDEV	1242.39

Top 10 Suspects:

RoleID	Role Name	Description	Organization	Score
1001	BASIC ROLE	New Role		2322
1150	ADMGNRL	Sage Role	IT	565

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Figure 44 Suspected Role Definitions

2.4.8 Suspected Connections User-Resource

General: This report keeps track of the suspected user-resource connections that appear in the given AuditCard, including how many alerts are there in each severity (based on the alert's score) with a pie chart, and a list of the top 10 suspected connections.

Parameters:

- Configuration
- AuditCard (see prerequisites)
- Very Low, Low, Med, High – These are the severity thresholds.

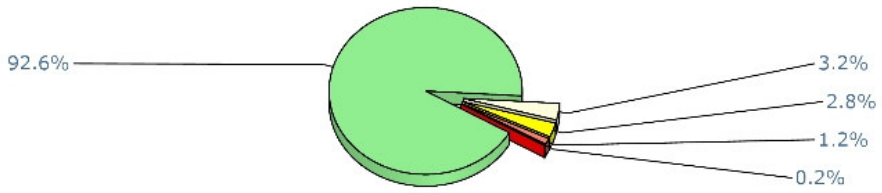
Prerequisites:

- AuditCard which has the following alerts selected:
- Tab: Suspect Connections
- Checkboxes: User Resource Connections

Suspected Connections: User-Resource

26/10/2005
12:59

Config: ConfigWIthRoles3			AuditCard: ConfigWIthRoles3Audit1	
Score Threshold #	Connections	%		
OK (No Alerts)	401	92.6%	Total Alerts in AuditCard	32
Very Low (Under 29)	14	3.2%	Total User-Res Connections	433
Low (29-31.7)	12	2.8%	Total Users	67
Med (31.7-34.39)	0	0.0%	Total Resources	83
High (34.39-37.09)	5	1.2%		
Very High (Over 37.09)	1	0.2%		



Top 10 Suspected Connections:

User		Resource			Alert
PersonID	User Name	Res Name 1	Res Name 2	Res Name 3	Score
87368000	Toper Jim	UG5AVEGEN	NT5AVE	WinNT	44
98383830	Capel Linda	TESTDEV	RACFPROD	RACF22	36
98383830	Capel Linda	TESTDEV	RACFTEST	RACF22	36
98383830	Capel Linda	DEVELOP	RACFPROD	RACF22	36
98383830	Capel Linda	DEVELOP	RACFTEST	RACF22	36
97373330	Katz Nancy	UGSILVGEN	NTSILV	WinNT	36
97847110	Taskoni Bob	UGSILVSYS	NTSILV	WinNT	31
87347830	Mike Pamela	UGADGEN2.Administration.[ROOT]	NOVELADM	Novell4	31
94738470	German Tom	UG5AVESYS	NT5AVE	WinNT	31
98662230	Tortia Dan	UGSTAMSYS	NTSTAM	WinNT	31

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Figure 45 Suspected Connections User-Resource

2.4.9 Suspected Connections User-Role

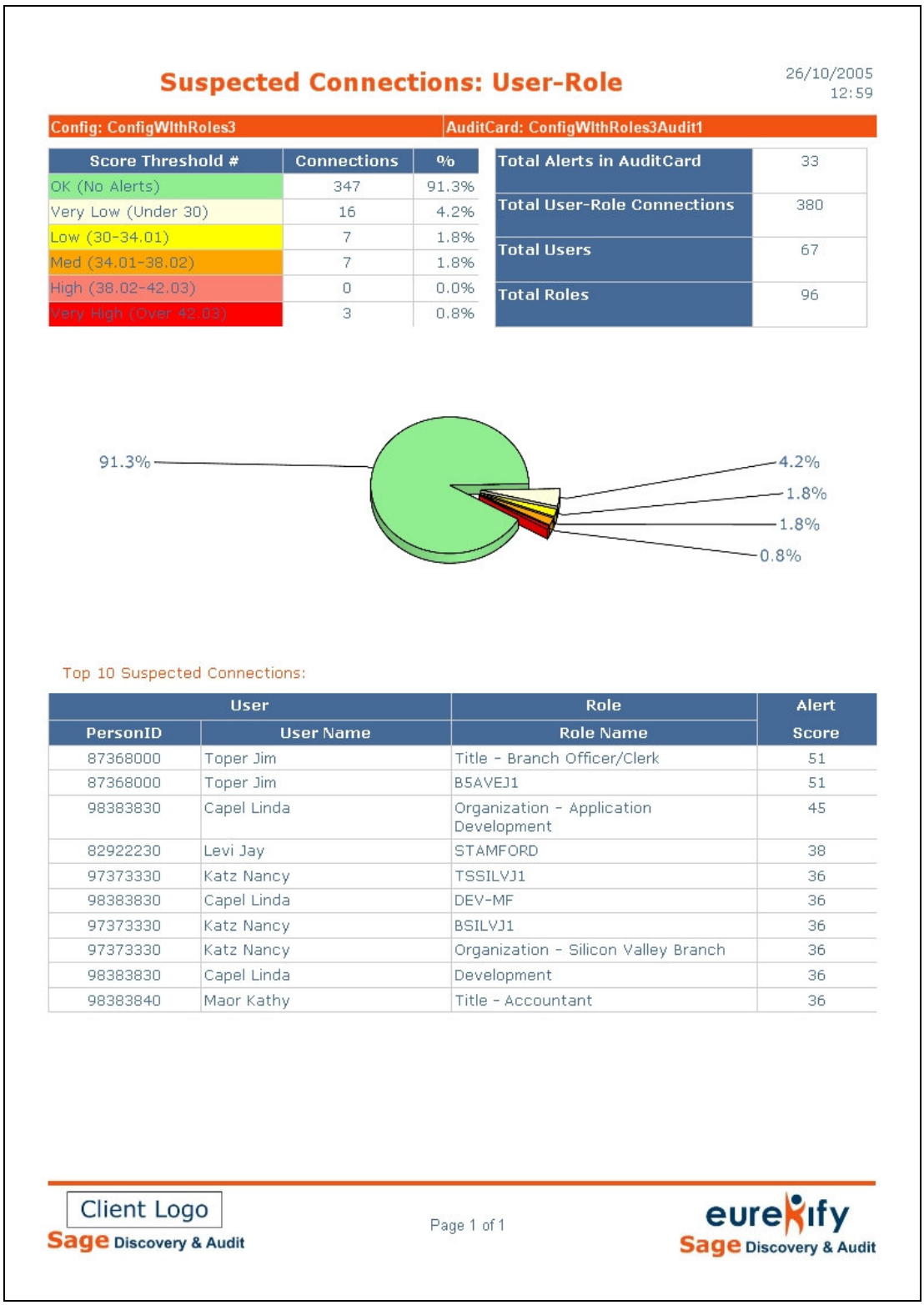
General: This report keeps track of the suspected user-role connections that appear in the given AuditCard, including how many alerts are there in each severity (based on the alert's score) with a pie chart, and a list of the top 10 suspected connections.

Parameters:

- Configuration
- AuditCard (see prerequisites)
- Very Low, Low, Med, High – These are the severity thresholds.

Prerequisites:

- AuditCard which has the following alerts selected:
- Tab: Suspect Connections
- Checkboxes: User Role Connections



Suspected Connections: User-Role

26/10/2005
12:59

Config: ConfigWithRoles3	AuditCard: ConfigWithRoles3Audit1

Score Threshold #	Connections	%
OK (No Alerts)	347	91.3%
Very Low (Under 30)	16	4.2%
Low (30-34.01)	7	1.8%
Med (34.01-38.02)	7	1.8%
High (38.02-42.03)	0	0.0%
Very High (Over 42.03)	3	0.8%

Total Alerts in AuditCard	33
Total User-Role Connections	380
Total Users	67
Total Roles	96

Top 10 Suspected Connections:

User		Role	Alert
PersonID	User Name	Role Name	Score
87368000	Toper Jim	Title - Branch Officer/Clerk	51
87368000	Toper Jim	B5AVEJ1	51
98383830	Capel Linda	Organization - Application Development	45
82922230	Levi Jay	STAMFORD	38
97373330	Katz Nancy	TSSILVJ1	36
98383830	Capel Linda	DEV-MF	36
97373330	Katz Nancy	BSILVJ1	36
97373330	Katz Nancy	Organization - Silicon Valley Branch	36
98383830	Capel Linda	Development	36
98383840	Maor Kathy	Title - Accountant	36

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Figure 46 Suspected Connections User-Role

2.4.10 Suspected Connections Role-Resource

General: This report keeps track of the suspected role-resource connections that appear in the given AuditCard, including how many alerts are there in each severity (based on the alert's score) with a pie chart, and a list of the top 10 suspected connections.

Parameters:

- Configuration
- AuditCard (see prerequisites)
- Very Low, Low, Med, High – These are the severity thresholds.

Prerequisites:

- AuditCard which has the following alerts selected:
- Tab: Suspect Connections
- Checkboxes: Role Resource Connections

Suspected Connections: Role-Resource

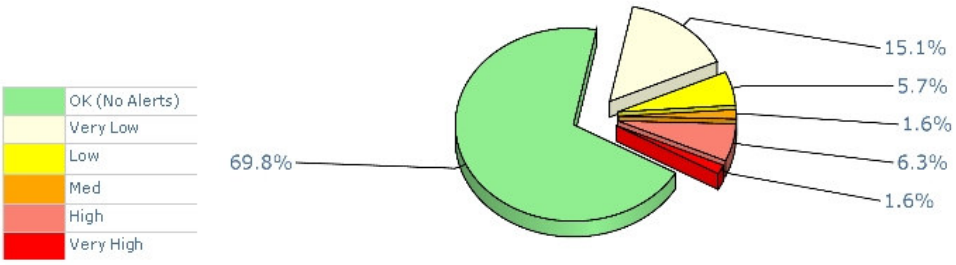
26/10/2005
01:00

Config: ConfigWIthRoles3	AuditCard: ConfigWIthRoles3Audit1

Score Threshold #	Connections	%
OK (No Alerts)	222	69.8%
Very Low (Under 38)	48	15.1%
Low (38-42.49)	18	5.7%
Med (42.49-46.98)	5	1.6%
High (46.98-51.47)	20	6.3%
Very High (Over 51.47)	5	1.6%

Total Alerts in AuditCard	96
Total Role-Res Connections	318
Total Roles	96
Total Resources	83

Alerts Analysis



Top 10 Suspected Connections:

Role		Resource			Alert
RoleID	Role Name	Res Name 1	Res Name 2	Res Name 3	Score
1150	ADMGNRL	UGADGEN1.Administration.[ROOT]	NOVELADM	Novell4	65
1029	UGFTRLK	UG5AVELAN	NT5AVE	WinNT	56
1143	B5AVELAN	UG5AVELAN	NT5AVE	WinNT	56
1144	B5AVEJ1	UG5AVELAN	NT5AVE	WinNT	55
1002	Organization - Database Administrators	UGAPPLDEV.Administration.[ROOT]	NOVELADM	Novell4	55
1013	Organization - Application Development	UGAPPLDEV.Administration.[ROOT]	NOVELADM	Novell4	51
1029	UGFTRLK	UGADSYS.Administration.[ROOT]	NOVELADM	Novell4	51
1102	SYSSUB2	UGADSYS.Administration.[ROOT]	NOVELADM	Novell4	51
1029	UGFTRLK	UGSTAMLAN	NTSTAM	WinNT	51

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Figure 47 Suspected Connections Role-Resource

2.4.11 Suspected Connections Dual User-Resource

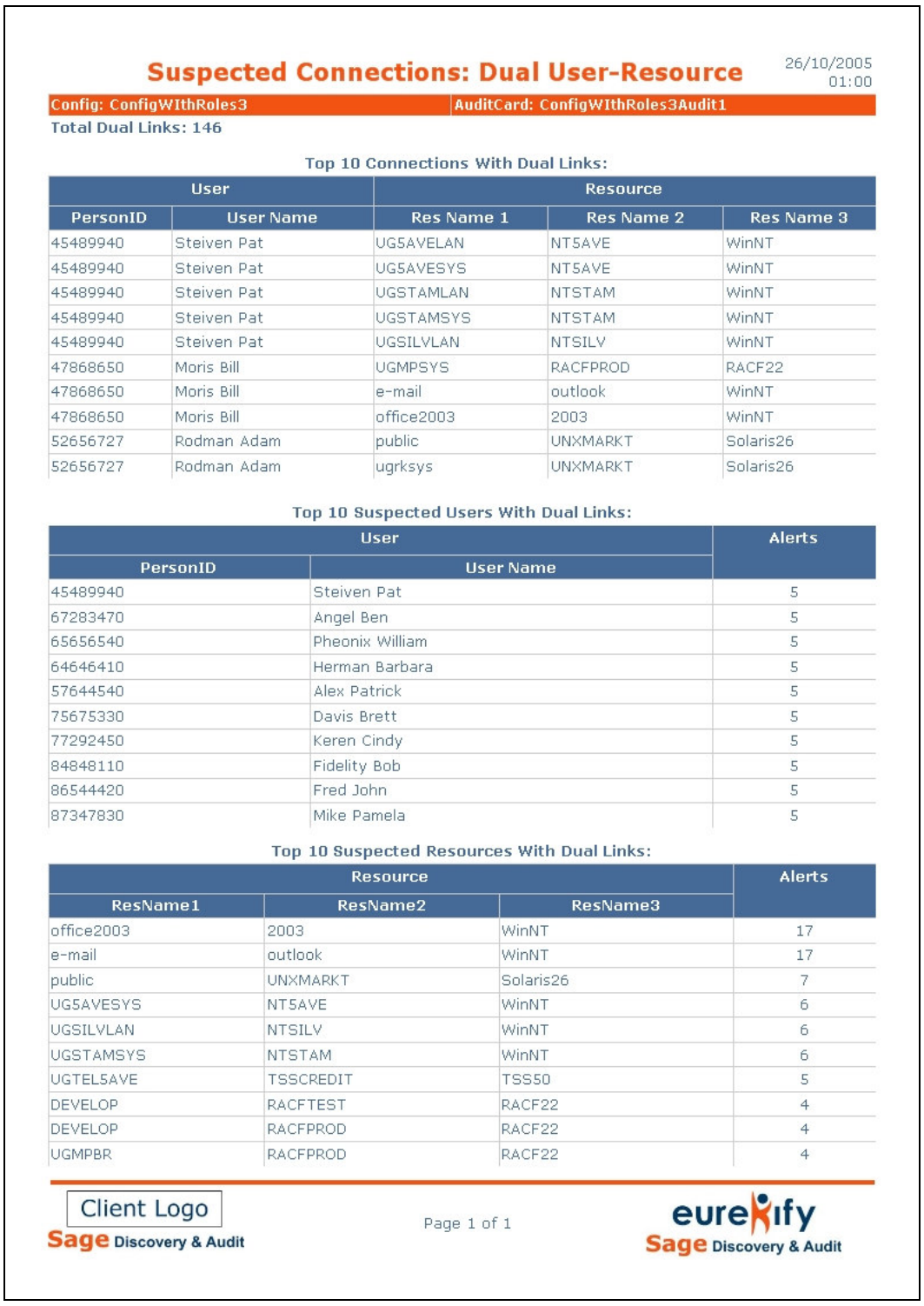
General: This report keeps track of the dual links between users and resources in the given AuditCard. It shows all/top 10 of the connections, users and resources involved in dual links.

Parameters:

- Configuration
- AuditCard (see prerequisites)
- Very Low, Low, Med, High – These are the severity thresholds.

Prerequisites:

- AuditCard which has the following alerts selected:
- Tab: Suspect Connections
- Checkboxes: User Resource Dual Links



Suspected Connections: Dual User-Resource

26/10/2005
01:00

Config: ConfigWIthRoles3 | AuditCard: ConfigWIthRoles3Audit1

Total Dual Links: 146

Top 10 Connections With Dual Links:

User		Resource		
PersonID	User Name	Res Name 1	Res Name 2	Res Name 3
45489940	Steiven Pat	UG5AVELAN	NT5AVE	WinNT
45489940	Steiven Pat	UG5AVESYS	NT5AVE	WinNT
45489940	Steiven Pat	UGSTAMLAN	NTSTAM	WinNT
45489940	Steiven Pat	UGSTAMSYS	NTSTAM	WinNT
45489940	Steiven Pat	UGSILVLAN	NTSILV	WinNT
47868650	Moris Bill	UGMPSYS	RACFPROD	RACF22
47868650	Moris Bill	e-mail	outlook	WinNT
47868650	Moris Bill	office2003	2003	WinNT
52656727	Rodman Adam	public	UNXMARKT	Solaris26
52656727	Rodman Adam	ugrksys	UNXMARKT	Solaris26

Top 10 Suspected Users With Dual Links:

User		Alerts
PersonID	User Name	
45489940	Steiven Pat	5
67283470	Angel Ben	5
65656540	Pheonix William	5
64646410	Herman Barbara	5
57644540	Alex Patrick	5
75675330	Davis Brett	5
77292450	Keren Cindy	5
84848110	Fidelity Bob	5
86544420	Fred John	5
87347830	Mike Pamela	5

Top 10 Suspected Resources With Dual Links:

Resource			Alerts
ResName1	ResName2	ResName3	
office2003	2003	WinNT	17
e-mail	outlook	WinNT	17
public	UNXMARKT	Solaris26	7
UG5AVESYS	NT5AVE	WinNT	6
UGSILVLAN	NTSILV	WinNT	6
UGSTAMSYS	NTSTAM	WinNT	6
UGTEL5AVE	TSSCREDIT	TSS50	5
DEVELOP	RACFTEST	RACF22	4
DEVELOP	RACFPROD	RACF22	4
UGMPBR	RACFPROD	RACF22	4

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Figure 48 Suspected Connections Dual User-Resource

2.4.12 Suspected Connections Dual User-Role

General: This report keeps track of the dual links between users and roles in the given AuditCard. It shows all/top 10 of the connections, users and roles involved in dual links.

Parameters:

- Configuration
- AuditCard (see prerequisites)
- Very Low, Low, Med, High – These are the severity thresholds.

Prerequisites:

- AuditCard which has the following alerts selected:
- Tab: Suspect Connections
- Checkboxes: User Role Dual Links

This Report is similar to the previous report.

2.4.13 Suspected Connections Dual Role-Resource

General: This report keeps track of the dual links between roles and resources in the given AuditCard. It shows all/top 10 of the connections, roles and resources involved in dual links.

Parameters:

- Configuration
- AuditCard (see prerequisites)
- Very Low, Low, Med, High – These are the severity thresholds.

Prerequisites:

- AuditCard which has the following alerts selected:
- Tab: Suspect Connections
- Checkboxes: Role Resource Dual Links

This Report is similar to the previous report.

2.4.14 Suspected Connections Dual Role-Role

General: This report keeps track of the dual links between parent roles and child roles in the given AuditCard. It shows all/top 10 of the connections, parent roles and child roles involved in dual links.

Parameters:

- Configuration
- AuditCard (see prerequisites)
- Very Low, Low, Med, High – These are the severity thresholds.

Prerequisites:

- AuditCard which has the following alerts selected:
- Tab: Suspect Connections
- Checkboxes: User Resource Dual Links

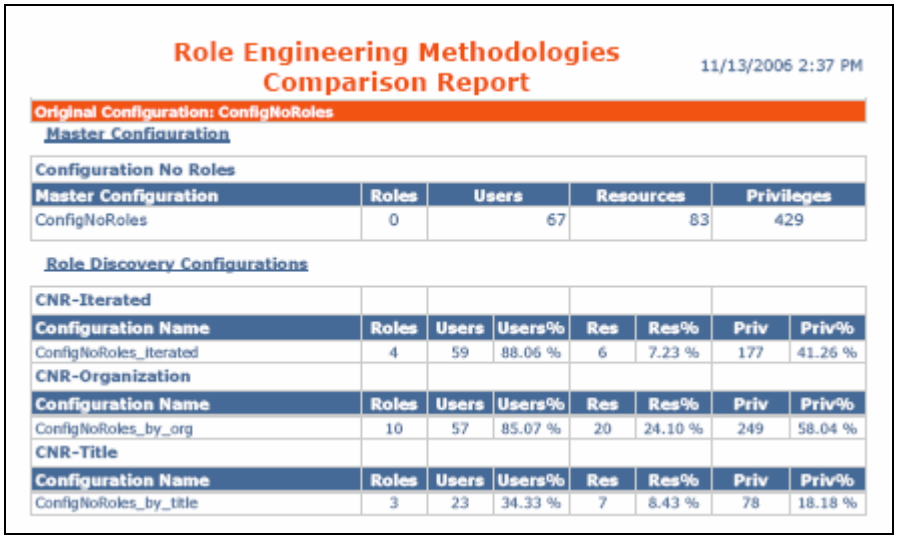
This Report is similar to the previous report

2.4.15 Role Engineering Methodologies Comparison Report

General: A Survey report. Compares the Roles, Users, Resources and Privileges data derived from different methods of role discovery. Each discovery method produces a separate Role Discovery Configuration that is used as input for the report.

Parameters:

- Master Configuration – used as the base for producing various Role Discovery Configurations
- Each Role Discovery Configurations – based on a separate discovery method.
- Labels – provide a name or header for one or more configurations that are included in the report. To group a set of configurations under a single heading in the report, provide the same label for each configuration you want to include in the group.



Role Engineering Methodologies Comparison Report

11/13/2006 2:37 PM

Original Configuration: ConfigNoRoles

Master Configuration

Configuration No Roles

Master Configuration	Roles	Users	Resources	Privileges
ConfigNoRoles	0	67	83	429

Role Discovery Configurations

CNR-Iterated							
Configuration Name	**Roles**	**Users**	**Users%**	**Res**	**Res%**	**Priv**	**Priv%**
ConfigNoRoles_iterated	4	59	88.06 %	6	7.23 %	177	41.26 %
CNR-Organization							
Configuration Name	**Roles**	**Users**	**Users%**	**Res**	**Res%**	**Priv**	**Priv%**
ConfigNoRoles_by_org	10	57	85.07 %	20	24.10 %	249	58.04 %
CNR-Title							
Configuration Name	**Roles**	**Users**	**Users%**	**Res**	**Res%**	**Priv**	**Priv%**
ConfigNoRoles_by_title	3	23	34.33 %	7	8.43 %	78	18.18 %

Figure 49 Role Engineering Methodologies Comparison

2.4.16 Overlapping Roles by Users Report

General: A Survey report. Shows how many roles have overlapping users, divided into 3 levels of overlap.

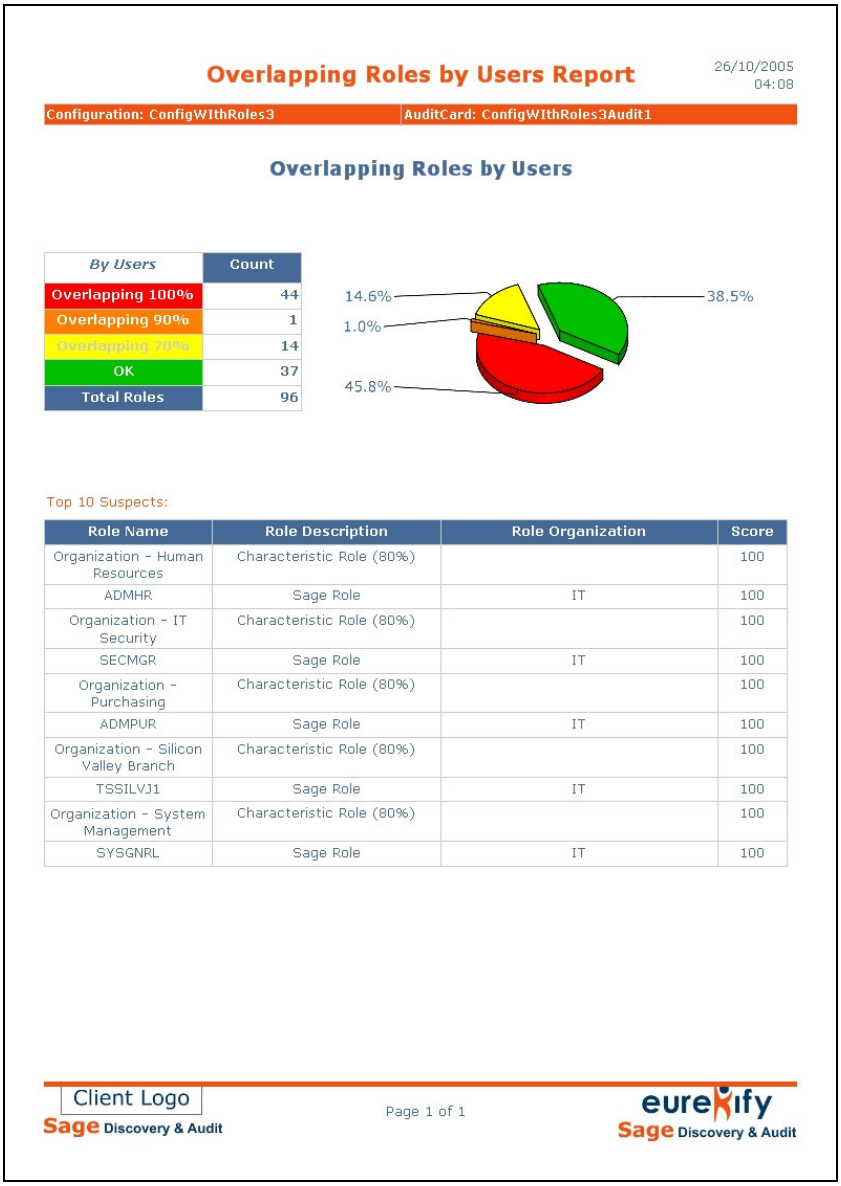
Parameters:

- Configuration
- AuditCard

- High – the percentage of overlapping users used as the high threshold, Med, Low – Similarly.

Prerequisites:

- AuditCard which has the following alerts selected:
- Tab: Similar Roles and role hierarchy – Roles covering same users, Roles covering same resources.
- Entities with many/few connections: Users with… Resources with…



Overlapping Roles by Users Report

26/10/2005 04:08

Configuration: ConfigWIthRoles3 | AuditCard: ConfigWIthRoles3Audit1

Overlapping Roles by Users

By Users	Count
Overlapping 100%	44
Overlapping 90%	1
Overlapping 70%	14
OK	37
Total Roles	96

Top 10 Suspects:

Role Name	Role Description	Role Organization	Score
Organization - Human Resources	Characteristic Role (80%)		100
ADMHR	Sage Role	IT	100
Organization - IT Security	Characteristic Role (80%)		100
SECMGR	Sage Role	IT	100
Organization - Purchasing	Characteristic Role (80%)		100
ADMPUR	Sage Role	IT	100
Organization - Silicon Valley Branch	Characteristic Role (80%)		100
TSSILVJ1	Sage Role	IT	100
Organization - System Management	Characteristic Role (80%)		100
SYSGNRL	Sage Role	IT	100

Figure 50 Overlapping Roles by Users Report

2.4.17 Overlapping Roles by Resources Report

General: A Survey report. Shows how many roles have overlapping resources, divided into 3 levels of overlap.

Parameters:

- Configuration
- AuditCard
- High – the percentage of overlapping resources used as the high threshold, Med, Low – Similarly.

Prerequisites:

- AuditCard which has the following alerts selected:
- Tab: Similar Roles and role hierarchy – Roles covering same users, Roles covering same resources.
- Entities with many/few connections: Users with… Resources with…

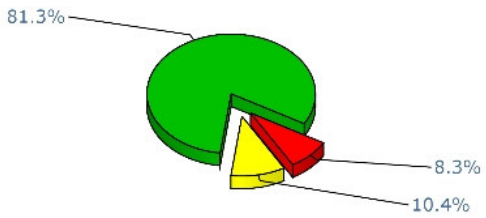
Overlapping Roles by Resources Report

26/10/2005
04:08

Configuration: ConfigWIthRoles3 | AuditCard: ConfigWIthRoles3Audit1

Overlapping Roles by Resources

By Resources	Count
Overlapping 100%	8
Overlapping 90%	0
Overlapping 70%	10
OK	78
Total Roles	96



Top 10 Suspects:

Role Name	Role Description	Role Organization	Score
Organization - Database Administrators	Characteristic Role (80%)		100
Organization - Application Development	Characteristic Role (80%)		100
Organization - IT Security	Characteristic Role (80%)		100
SECMGR	Sage Role	IT	100
Organization - Operations	Characteristic Role (80%)		100
OPERJ2	Sage Role	IT	100
Organization - System Management	Characteristic Role (80%)		100
SYSGNRL	Sage Role	IT	100
Title - Accountant	Characteristic Role (50%)		80
RACFTEST	New Role (Iterated)	New Org	80

Client Logo
Sage Discovery & Audit

Page 1 of 1

eurekify
Sage Discovery & Audit

Figure 51 Overlapping Roles by Resources Report

2.5 Role Engineering Reports

2.5.1 Role Analysis Report

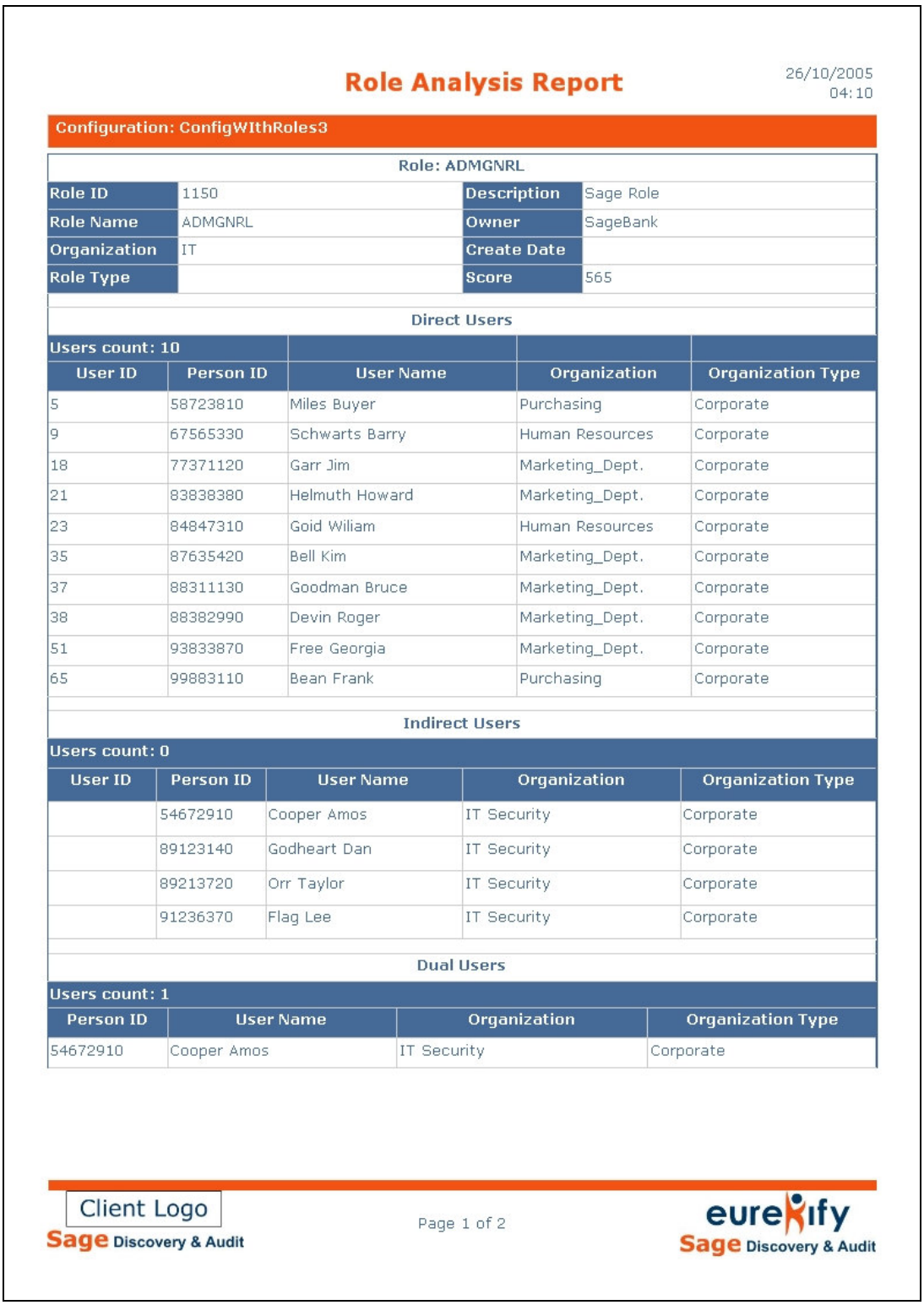
General: A report for thoroughly inspecting and analyzing roles. It shows all the role's linked entities: users, resources and sub/parent roles, as well as various role-related alerts from an AuditCard: Almost Matching Users/Resources, Suspect Users/Resources, Parent/Child Hierarchy opportunity and Subsumed (overlapping) roles.

Parameters:

- Configuration
- AuditCard
- Top (default – all)
- By Field - which role field to chose roles by
- From/to - choose a range
- Pattern

Prerequisites:

- AuditCard which has the following alerts selected:
- Tab: Similar Roles and role hierarchy – check all the boxes.



Role Analysis Report

26/10/2005
04:10

Configuration: ConfigWIthRoles3

Role: ADMGNRL

Role ID	1150	**Description**	Sage Role
Role Name	ADMGNRL	**Owner**	SageBank
Organization	IT	**Create Date**	
Role Type		**Score**	565

Direct Users

Users count: 10

User ID	Person ID	User Name	Organization	Organization Type
5	58723810	Miles Buyer	Purchasing	Corporate
9	67565330	Schwarts Barry	Human Resources	Corporate
18	77371120	Garr Jim	Marketing_Dept.	Corporate
21	83838380	Helmuth Howard	Marketing_Dept.	Corporate
23	84847310	Goid Wiliam	Human Resources	Corporate
35	87635420	Bell Kim	Marketing_Dept.	Corporate
37	88311130	Goodman Bruce	Marketing_Dept.	Corporate
38	88382990	Devin Roger	Marketing_Dept.	Corporate
51	93833870	Free Georgia	Marketing_Dept.	Corporate
65	99883110	Bean Frank	Purchasing	Corporate

Indirect Users

Users count: 0

User ID	Person ID	User Name	Organization	Organization Type
	54672910	Cooper Amos	IT Security	Corporate
	89123140	Godheart Dan	IT Security	Corporate
	89213720	Orr Taylor	IT Security	Corporate
	91236370	Flag Lee	IT Security	Corporate

Dual Users

Users count: 1

Person ID	User Name	Organization	Organization Type
54672910	Cooper Amos	IT Security	Corporate

Client Logo
Sage Discovery & Audit

Page 1 of 2

eurekify
Sage Discovery & Audit

Figure 52 Role Analysis Report

2.5.2 Role Approval Status Report

General: Shows the roles grouped by a chosen role attribute (for instance, RoleReviewer) divided to each approval status, including pie charts that show how many roles are in each approval status.

Parameters:

- Configuration
- Group by - which field to group by
- From/To - range
- Pattern.

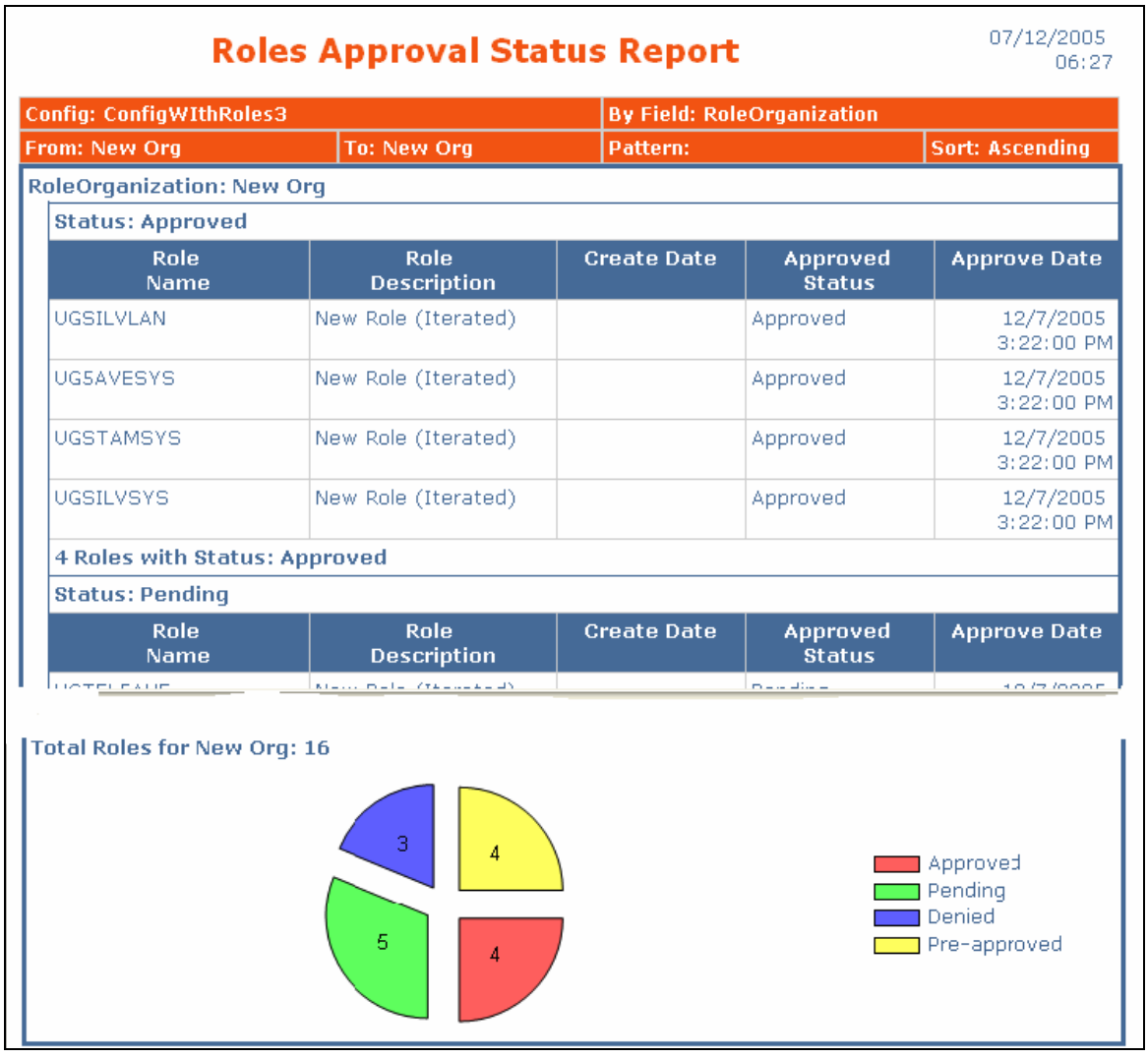


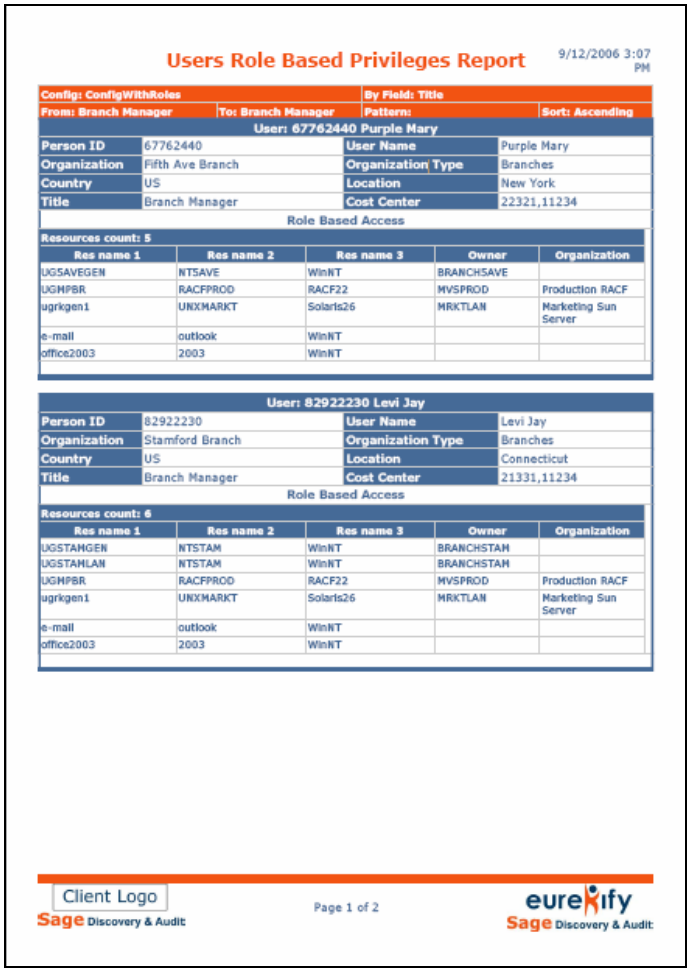
Figure 53 Roles Approval Status Report

2.5.3 Users Role Base Privileges

General: Filters the selected configuration based on the selected field and displays the the role-based resources for each Users identified by the filter.

Parameters:

- Configuration
- By Field – Filter the configuration for a User's role-based privileges based on the selected field.
- From/To - range
- Pattern.



Users Role Based Privileges Report 9/12/2006 3:07 PM

Config: ConfigWithRoles		By Field: Title	
From: Branch Manager	To: Branch Manager	Pattern:	Sort: Ascending

User: 67762440 Purple Mary

Person ID	67762440	User Name	Purple Mary
Organization	Fifth Ave Branch	Organization Type	Branches
Country	US	Location	New York
Title	Branch Manager	Cost Center	22321,11234

Role Based Access

Resources count: 5

Res name 1	Res name 2	Res name 3	Owner	Organization
UGSAVEGEN	NTSAVE	WinNT	BRANCHSAVE	
UGMPBR	RACFPROD	RACF22	MVSPROD	Production RACF
ugrkgen1	UNXMARKT	Solaris26	MRKTLAN	Marketing Sun Server
e-mail	outlook	WinNT		
office2003	2003	WinNT		

User: 82922230 Levi Jay

Person ID	82922230	User Name	Levi Jay
Organization	Stamford Branch	Organization Type	Branches
Country	US	Location	Connecticut
Title	Branch Manager	Cost Center	21331,11234

Role Based Access

Resources count: 6

Res name 1	Res name 2	Res name 3	Owner	Organization
UGSTAMGEN	NTSTAM	WinNT	BRANCHSTAM	
UGSTAMLAN	NTSTAM	WinNT	BRANCHSTAM	
UGMPBR	RACFPROD	RACF22	MVSPROD	Production RACF
ugrkgen1	UNXMARKT	Solaris26	MRKTLAN	Marketing Sun Server
e-mail	outlook	WinNT		
office2003	2003	WinNT		

Figure 54 Users Role-Based Privileges

2.5.4 Role Engineering Methodologies Comparison

See 2.4.15 Role Engineering Methodologies Comparison Report on page 61.

2.6 Role Maintenance Reports

Descriptions for the reports listed in this section can be found under other sections in the book. See the listed cross-references.

2.6.1 Role Approval Status Report

See the description in section 2.5.2 Role Approval Status Report on page 67.

2.6.2 Role Approval Report

See the description in section 2.7.7 Role Approval Report on page 76.

2.6.3 Role Reapproval Report

See the description in section 2.7.8 Role Reapproval Report on Page 78.

2.6.4 Overlapping Roles by Users

See the description in section 2.4.16 Overlapping Roles by Users Report on page 61.

2.6.5 Overlapping Roles by Resources

See the description in section 2.4.17 Overlapping Roles by Resources Report on page 63.

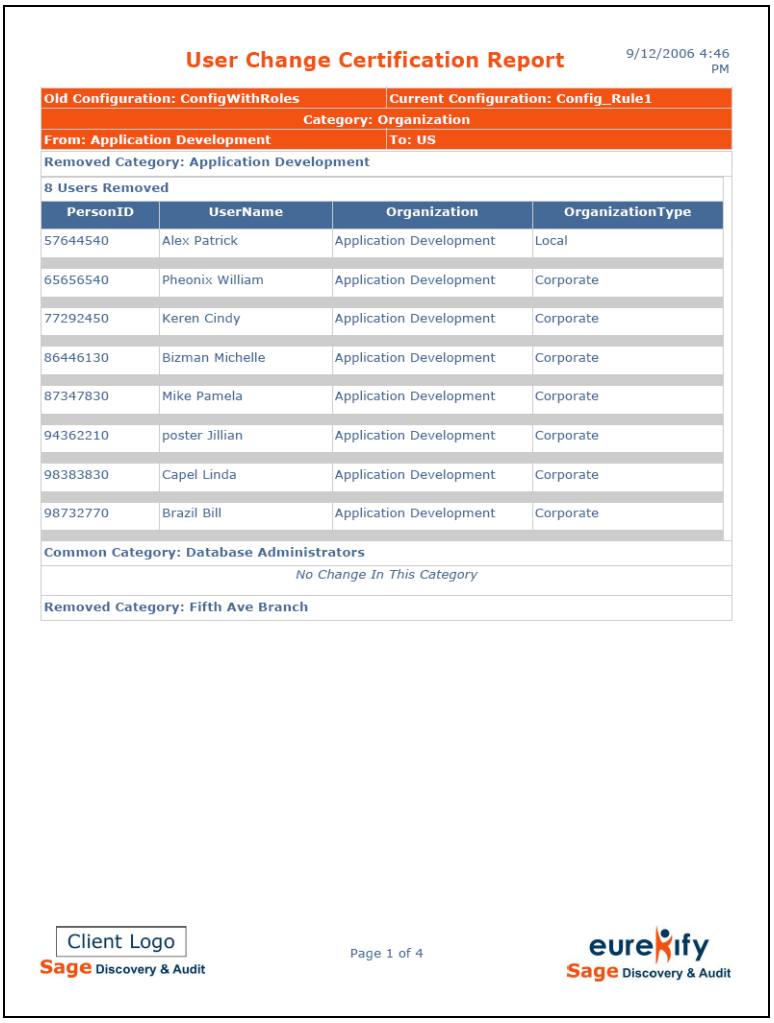
2.7 Privileges Certification Reports

2.7.1 Users Change Certification Report

General: Reports for inspecting the difference between two configurations in terms of Users present in the current configuration as compared to those present in an old or base configuration. In addition, the report groups the users by a chosen user category, for instance: Organization.

Parameters:

- Old Configuration
- Current Configuration
- Category
- From/To - choose range



User Change Certification Report

9/12/2006 4:46 PM

Old Configuration: ConfigWithRoles	Current Configuration: Config_Rule1
Category: Organization	
From: Application Development	To: US

Removed Category: Application Development

8 Users Removed

PersonID	UserName	Organization	OrganizationType
57644540	Alex Patrick	Application Development	Local
65656540	Pheonix William	Application Development	Corporate
77292450	Keren Cindy	Application Development	Corporate
86446130	Bizman Michelle	Application Development	Corporate
87347830	Mike Pamela	Application Development	Corporate
94362210	poster Jillian	Application Development	Corporate
98383830	Capel Linda	Application Development	Corporate
98732770	Brazil Bill	Application Development	Corporate

Common Category: Database Administrators

No Change In This Category

Removed Category: Fifth Ave Branch

Figure 55 User Change Certification Report

2.7.2 Users Privileges Certification Report

General: A report for thoroughly inspecting users' privileges – roles and resources, in addition to various data from AuditCard – proposed new roles, proposed new resources and almost matching roles. In addition, the report groups the users by a chosen user category (for instance: location) and presents group statistics for each value in the category.

Parameters:

- Configuration
- User Category
- From/To - choose range
- Pattern
- Show Roles/Resources? - Whether to show each user's roles and resources
- Show group roles/resources? - Whether to show each group's roles and resources
- AuditCard – Show alerts from AuditCard

Prerequisites:

- AuditCard which has the following alerts selected:
- Tab: In/Out of pattern entities – check all the boxes.

Users Certification Report by Category

26/10/2005 04:26

Config: ConfigWIthRoles3		By Field: Location	
From: Cayman	To: Cayman	Pattern:	Sort: Ascending

Location: Cayman

User: 89753140 Cherry Jay			
Person ID	89753140	User Name	Cherry Jay
Organization	Finance	Organization Type	Corporate
Country	US	Location	Cayman
Title	CFO	Cost Center	28777,11234
Resources Info			
Roles Info			

User: 91724340 Hope Collin			
Person ID	91724340	User Name	Hope Collin
Organization	Finance	Organization Type	Corporate
Country	US	Location	Cayman
Title	Accountant	Cost Center	28777
Resources Info			
Roles Info			

User: 97774230 More Cathrine			
Person ID	97774230	User Name	More Cathrine
Organization	Finance	Organization Type	Corporate
Country	US	Location	Cayman
Title	Auditor	Cost Center	28777
Resources Info			
Roles Info			

User: 98383770 Rolen Dave			
Person ID	98383770	User Name	Rolen Dave
Organization	Finance	Organization Type	Corporate
Country	US	Location	Cayman
Title	Accountant	Cost Center	28777
Resources Info			
Roles Info			

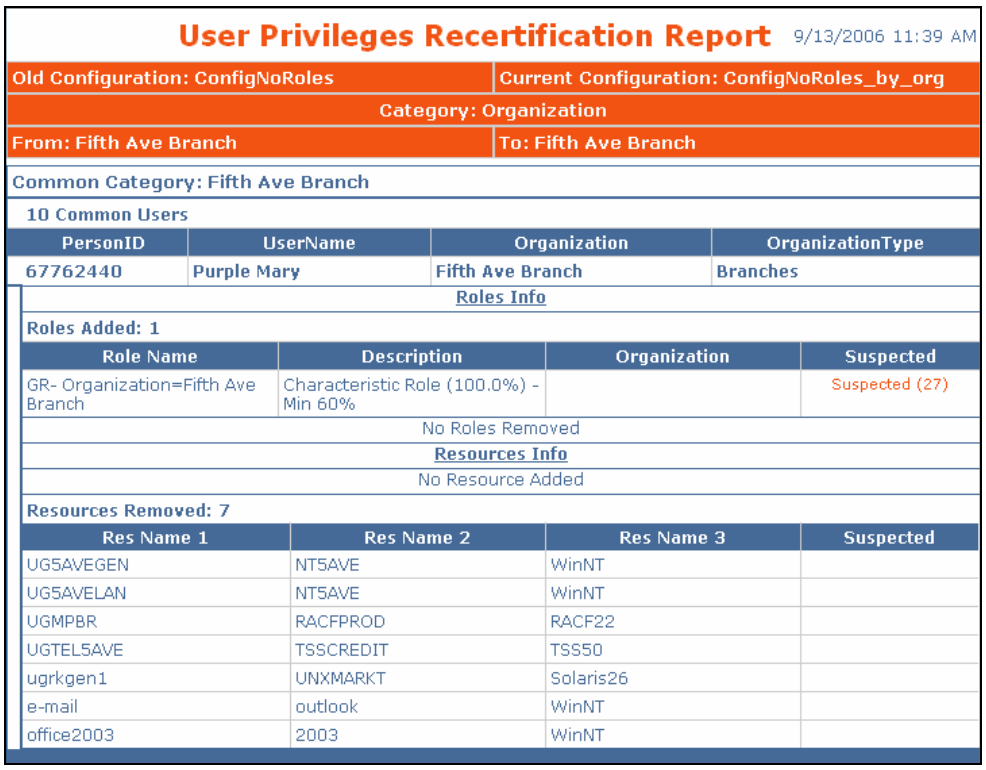
Figure 56 Users Certification Report by Category

2.7.3 Users Privileges Recertification Report – Full

General: Reports the differences between two configurations in terms of User Privileges, their Roles, and Resources based on a selected Category, for instance Organization. The report can take into consideration alerts listed in an Audit card.

Parameters:

- Old Configuration
- Current Configuration
- Current Audit Card
- Category
- From/To - choose range



User Privileges Recertification Report 9/13/2006 11:39 AM

Old Configuration: ConfigNoRoles	Current Configuration: ConfigNoRoles_by_org
Category: Organization	
From: Fifth Ave Branch	To: Fifth Ave Branch

Common Category: Fifth Ave Branch

10 Common Users

PersonID	UserName	Organization	OrganizationType
67762440	Purple Mary	Fifth Ave Branch	Branches

Roles Info

Roles Added: 1

Role Name	Description	Organization	Suspected
GR- Organization=Fifth Ave Branch	Characteristic Role (100.0%) - Min 60%		Suspected (27)

No Roles Removed

Resources Info

No Resource Added

Resources Removed: 7

Res Name 1	Res Name 2	Res Name 3	Suspected
UG5AVEGEN	NT5AVE	WinNT	
UG5AVELAN	NT5AVE	WinNT	
UGMPBR	RACFPROD	RACF22	
UGTEL5AVE	TSSCREDIT	TSS50	
ugrkgen1	UNXMARKT	Solaris26	
e-mail	outlook	WinNT	
office2003	2003	WinNT	

Figure 57 User Privileges Recertification Report

2.7.4 Users Role Privileges Recertification Report

General: Reports the differences between two configurations in terms of User Privileges, their Roles, and Resources based on a selected Category, for instance Organization. The report can take into consideration alerts listed in an Audit card.

Parameters:

- Old Configuration
- Current Configuration
- Current Audit Card
- Category
- From/To - choose range

User-Role Privileges Recertification Report 9/13/2006 11:31 AM

Old Configuration: ConfigNoRoles	Current Configuration: ConfigNoRoles_by_org
Category: Organization	
From: Fifth Ave Branch	To: Fifth Ave Branch

Common Category: Fifth Ave Branch

10 Common Users

PersonID	UserName	Organization	OrganizationType
67762440	Purple Mary	Fifth Ave Branch	Branches

Roles Info

Roles Added: 1

Role Name	Description	Organization	Suspected
GR- Organization=Fifth Ave Branch	Characteristic Role (100.0%) - Min 60%		Suspected (27)

No Roles Removed

Resources Info

No Resource Added

Resources Removed: 7

Res Name 1	Res Name 2	Res Name 3	Suspected
UG5AVEGEN	NT5AVE	WinNT	
UG5AVELAN	NT5AVE	WinNT	
UGMPBR	RACFPROD	RACF22	
UGTEL5AVE	TSSCREDIT	TSS50	
ugrkgen1	UNXMARKT	Solaris26	
e-mail	outlook	WinNT	
office2003	2003	WinNT	

Figure 58 User-Rol Privileges Recertification Report

2.7.5 Users Privileges Change Request Report

General: A report that lists all open requests to change user privileges for any user associated with a specified configuration. The report includes the name of the user that submitted the request, and lists the privileges or resources to be added to or removed from users.

Parameters: Configuration

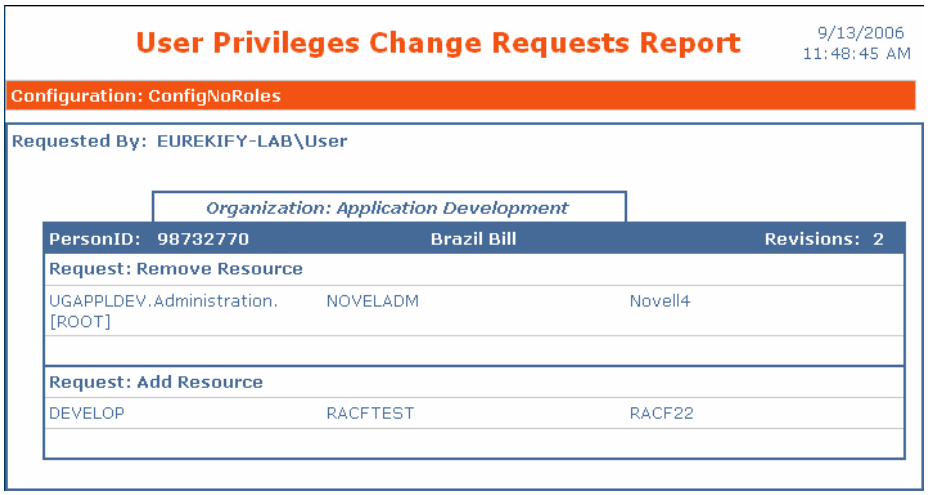


Figure 59 User Privileges Change Requests Report

2.7.6 Certification Progress Status Report

General: Reports on the progress of a specific campaign and lists the status of each campaign target.

Parameters:

- Campaign

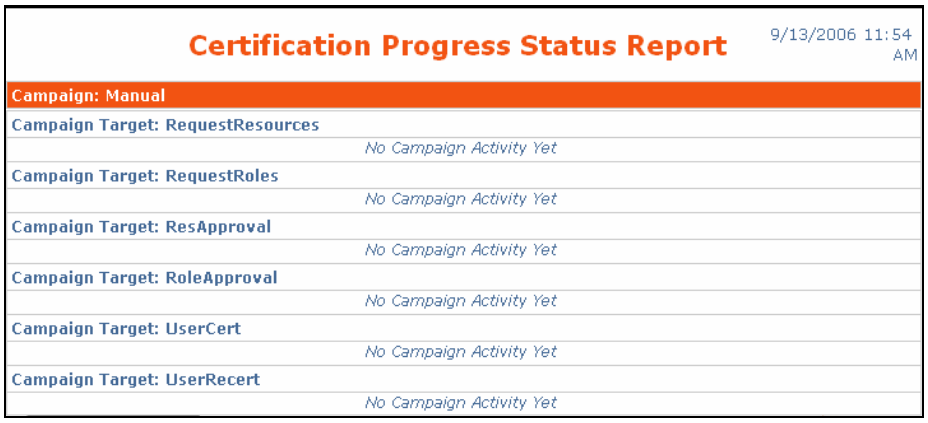


Figure 60 Certification Progress Status Report

2.7.7 Role Approval Report

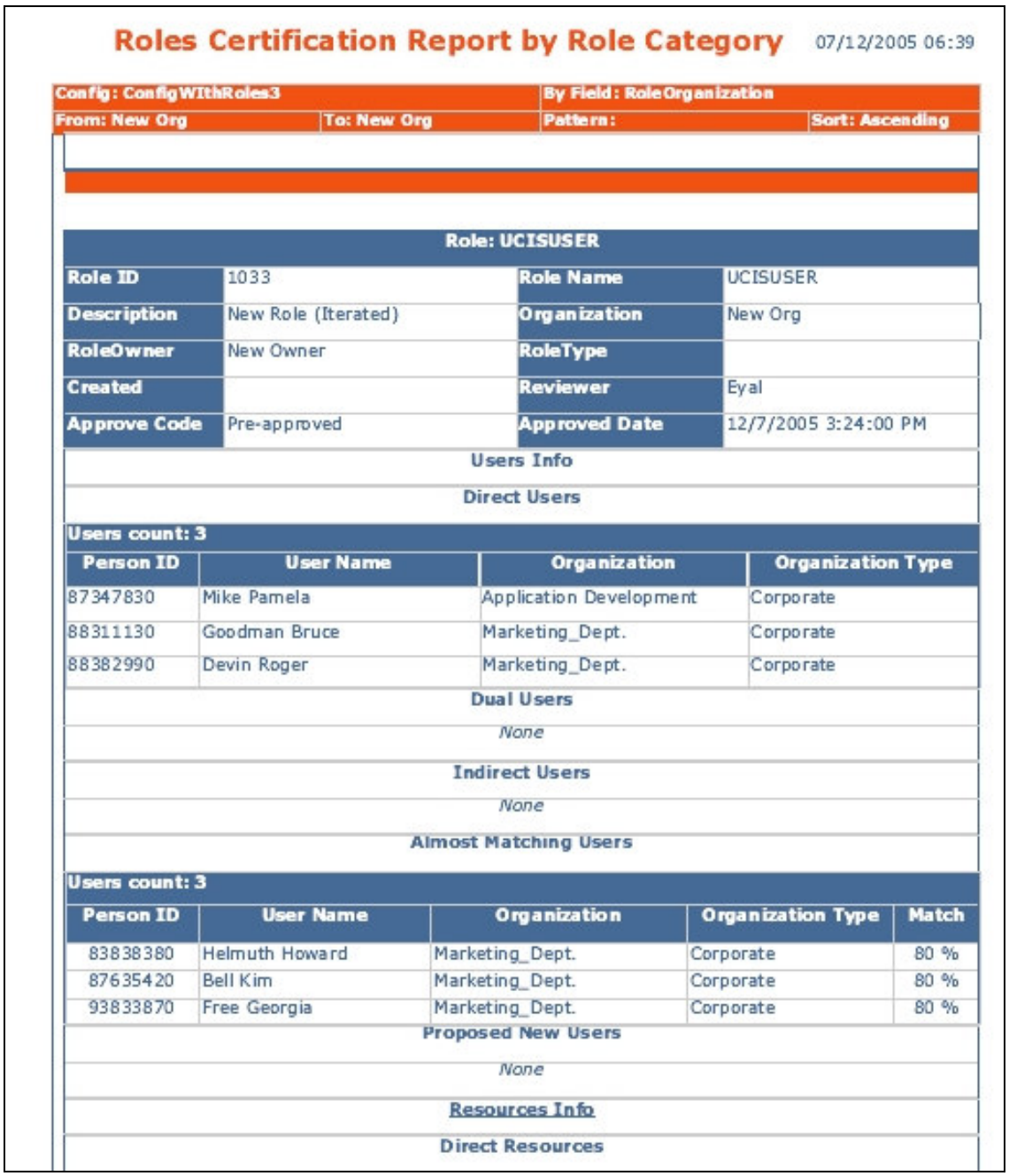
General: A report for thoroughly inspecting roles' users and resources, in addition to various data from AuditCard – proposed new users, almost matching users and almost matching resources. In addition, the report groups the roles by a chosen role category (for instance: RoleOrganization) and presents group statistics for each value in the category.

Parameters:

- Configuration
- Role Category
- From/To - choose range
- Pattern
- Show Users/Resources/Roles? - Whether to show each role's users, resources and parent/sub-roles
- Show group users/resources? - Whether to show each group's users and resources
- AuditCard – Show alerts from AuditCard
- From/To status – choose which approval status to show

Prerequisites:

- AuditCard which has the following alerts selected:
- Tab: In/Out of pattern entities – check all the boxes.



Roles Certification Report by Role Category 07/12/2005 06:39

Config: ConfigWIthRoles3		By Field: RoleOrganization	
From: New Org	To: New Org	Pattern:	Sort: Ascending

Role: UCISUSER

Role ID	1033	Role Name	UCISUSER
Description	New Role (Iterated)	Organization	New Org
RoleOwner	New Owner	RoleType	
Created		Reviewer	Eyal
Approve Code	Pre-approved	Approved Date	12/7/2005 3:24:00 PM

Users Info

Direct Users

Users count: 3

Person ID	User Name	Organization	Organization Type
87347830	Mike Pamela	Application Development	Corporate
88311130	Goodman Bruce	Marketing_Dept.	Corporate
88382990	Devin Roger	Marketing_Dept.	Corporate

Dual Users

None

Indirect Users

None

Almost Matching Users

Users count: 3

Person ID	User Name	Organization	Organization Type	Match
83838380	Helmuth Howard	Marketing_Dept.	Corporate	80 %
87635420	Bell Kim	Marketing_Dept.	Corporate	80 %
93833870	Free Georgia	Marketing_Dept.	Corporate	80 %

Proposed New Users

None

Resources Info

Direct Resources

Figure 61 Role Certification Report by Role Category

2.7.8 Role Reapproval Report

General: Reports the differences in a Role between two configurations in terms of User Privileges, Sub Roles, and Resources based on a selected Category, for instance RoleName.

Parameters:

- Old Configuration
- Current Configuration
- Current Audit Card
- Category
- From/To - choose range

Role Reapproval Report 9/25/2006 6:01 PM

Old Configuration: ConfigWithRoles	Current Configuration: ConfigWithRoles1
Category: RoleName	
From: Organization - Fifth Ave Branch	To: Organization - Fifth Ave Branch

Common Roles

1 Common Roles

RoleName	RoleOwner	Role Description	Role Organization
Organization - Fifth Ave Branch	Eagle Richard	Characteristic Role (80%)	Fifth Ave Branch

Users Info

Users Added: 2

PersonID	UserName	Organization	Organization Type	Suspected
67565330	Schwarts Barry	Human Resources	Corporate	Suspected (41)
74733340	Lu-marry Peter	Stamford Branch	Branches	Suspected (28)

Users Removed: 4

PersonID	UserName	Organization	Organization Type	Suspected
89123470	Sharon Johnson	Fifth Ave Branch	Branches	
89213478	Hill Silver	Fifth Ave Branch	Branches	
91238730	Deer Alex	Fifth Ave Branch	Branches	
94738470	German Tom	Fifth Ave Branch	Branches	

Sub-Roles Info

No Sub-Roles Added

No Sub-Roles Removed

Resources Info

Resources Added: 3

Res Name 1	Res Name 2	Res Name 3	Suspected
UG5AVELAN	NT5AVE	WinNT	Suspected (34)
UG5AVEMGR	NT5AVE	WinNT	
UG5AVESYS	NT5AVE	WinNT	Suspected (41)

No Resource Removed

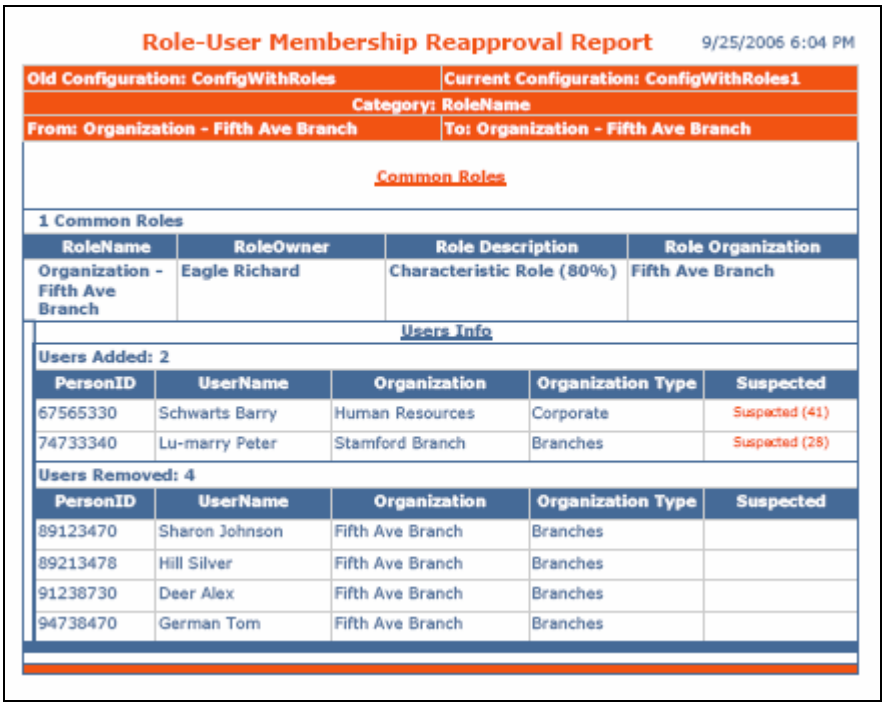
Figure 62 Role Reapproval Report

2.7.9 Role User Membership Reapproval Report

General: Compares two configurations and reports the differences on user assignment to Roles. Newly added roles are listed along with the users assigned to those roles. Roles that were removed are listed without any reference to the users that were assigned the roles.

Parameters:

- Old Configuration
- Current Configuration
- Current Audit Card
- Category
- From/To - choose range



Role-User Membership Reapproval Report 9/25/2006 6:04 PM

Old Configuration: ConfigWithRoles	Current Configuration: ConfigWithRoles1
Category: RoleName	
From: Organization - Fifth Ave Branch	To: Organization - Fifth Ave Branch

Common Roles

1 Common Roles

RoleName	RoleOwner	Role Description	Role Organization
Organization - Fifth Ave Branch	Eagle Richard	Characteristic Role (80%)	Fifth Ave Branch

Users Info

Users Added: 2

PersonID	UserName	Organization	Organization Type	Suspected
67565330	Schwarts Barry	Human Resources	Corporate	Suspected (41)
74733340	Lu-marry Peter	Stamford Branch	Branches	Suspected (28)

Users Removed: 4

PersonID	UserName	Organization	Organization Type	Suspected
89123470	Sharon Johnson	Fifth Ave Branch	Branches	
89213478	Hill Silver	Fifth Ave Branch	Branches	
91238730	Deer Alex	Fifth Ave Branch	Branches	
94738470	German Tom	Fifth Ave Branch	Branches	

Figure 63 Role-User Membership Re-approval Report

CHAPTER 3 – Subscribing to Reports

Sage reports are arranged within subject or functional categories to provide easy access to specific reports.

This chapter provides a general overview of subscribing to reports and details the preparations that need to be made to the machine that hosts the reports server in order to support report subscription.

3.1 General Overview

Subscriptions enable users to receive reports automatically in addition to running reports on demand. Each SageReports user can choose which reports he/she would like to receive as well as how (by e-mail or a shared file server) and when (specify a schedule).

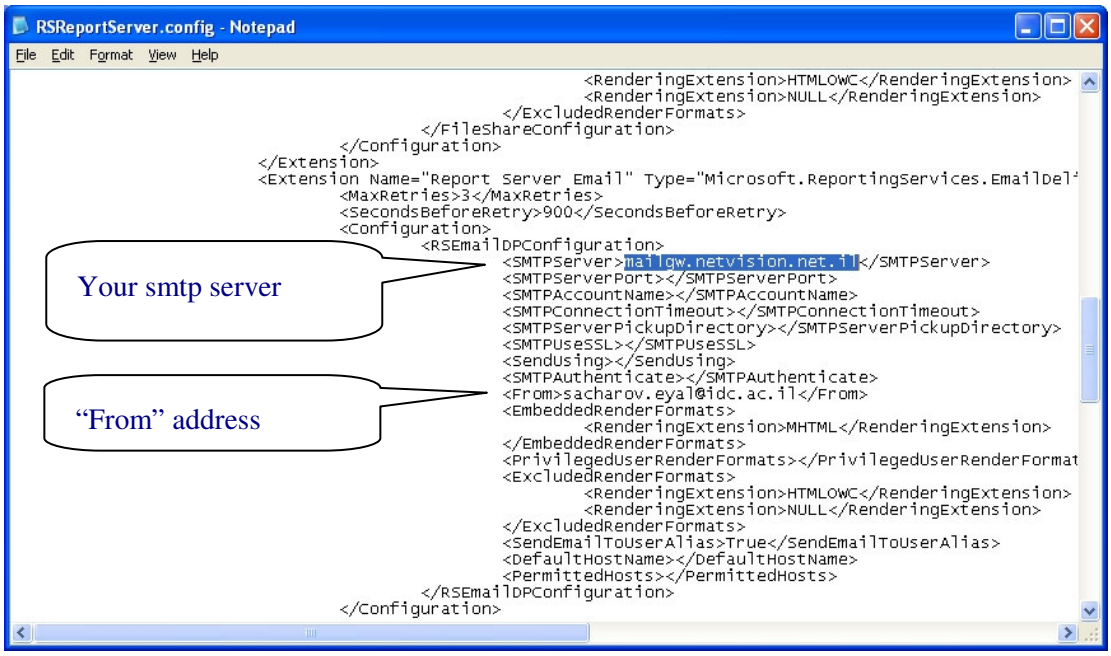
3.2 Preparations

Prior to using subscriptions, preparations need be made on the report server, the machine that hosts MS Reporting Services. You must instruct Reporting Services as to which SMTP server to use for sending emails. This is performed in the default location for Reporting Services:

- C:\Program Files\Microsoft SQL Server\MSSQL\Reporting Services\ReportServer

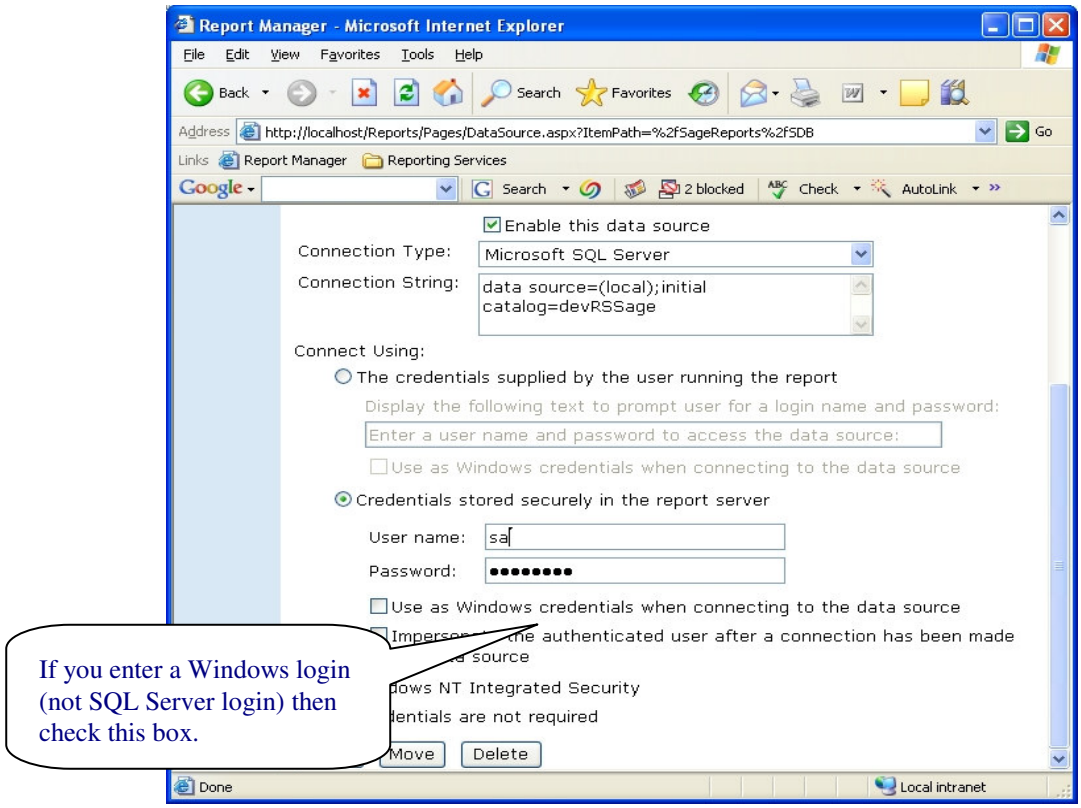
To instruct MS Reporting Services

1. Go to the default location for Reporting Services as indicated above
2. Edit the file RSReportServer.config. file
3. Look for the xml field <SMTPServer> and change the xml value to that of your SMTP server URL.
4. Enter the "From" email in the <From> field. Note: Currently, RS doesn't support sending emails to smtp servers which require authentication.

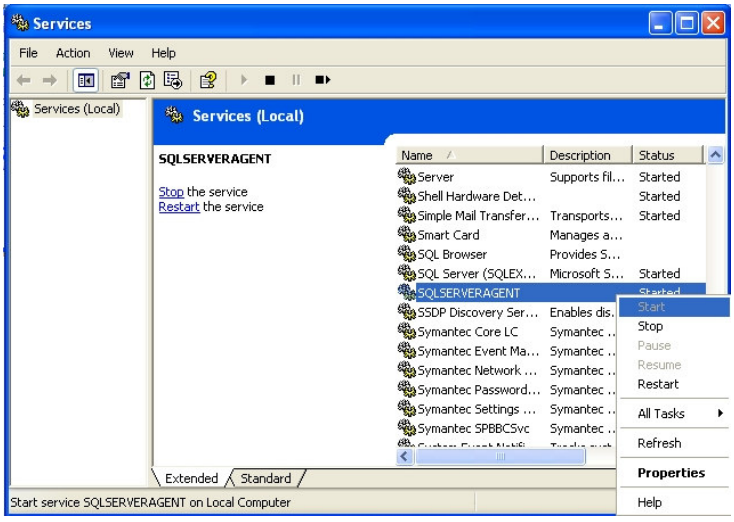


5. Configure the datasource to use stored credentials. Microsoft Reporting Services subscriptions feature requires the credentials to the datasource to be stored.
6. Click the SDB link in Reports Manager and choose "Credentials stored securely in the report server".
7. Fill in a valid login to the SQL server. This login can be either a Windows Authentication login or a SQL Server login. It is recommended that your SQL Server will support both methods
8. Go to Enterprise Manager, click on your server
9. Go to server properties, security tab – check the "SQL Server and Windows" authentication.

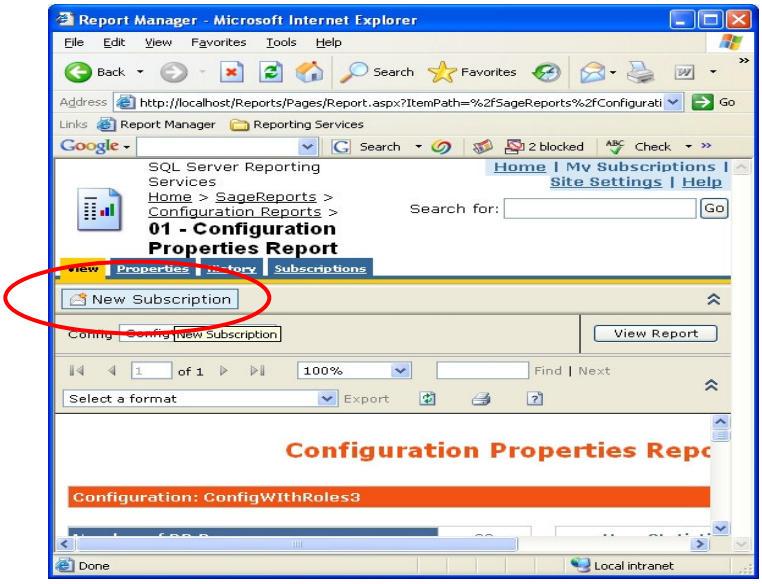
Note: this login will be used by the report server for accessing the SQL server to produce reports. This is separate from the login report that users fill in to access the report server.


Report Manager - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites
Address http://localhost/Reports/Pages/DataSource.aspx?ItemPath=%2fSageReports%2fSDB
Go
Links Report Manager Reporting Services
Google Search 2 blocked Check AutoLink
Enable this data source
Connection Type:
Microsoft SQL Server
Connection String:
data source=(local);initial catalog=devRSSage
Connect Using:
The credentials supplied by the user running the report
Display the following text to prompt user for a login name and password:
Enter a user name and password to access the data source:
Use as Windows credentials when connecting to the data source
Credentials stored securely in the report server
User name:
sa
Password:
Use as Windows credentials when connecting to the data source
Move
Delete
Done
Local intranet
If you enter a Windows login (not SQL Server login) then check this box.

10. Enable scheduling. For the reports to run, the scheduling service has to be started.
11. Go to Administrative Tools -> Services, and Start the service SQLSERVERAGENT.



After the above steps are completed, a button “New Subscription” will appear above each report:


Report Manager - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites
Address http://localhost/Reports/Pages/Report.aspx?ItemPath=%2fSageReports%2fConfigurati
Go
Links Report Manager Reporting Services
Google Search 2 blocked Check
SQL Server Reporting Services
Home | My Subscriptions | Site Settings | Help
Home > SageReports > Configuration Reports >
01 - Configuration Properties Report
Search for: Go
View Properties History Subscriptions
New Subscription
Config Config New Subscription
View Report
1 of 1 100% Find | Next
Select a format Export
Configuration Properties Repo
Configuration: ConfigWIthRoles3
Done
Local intranet

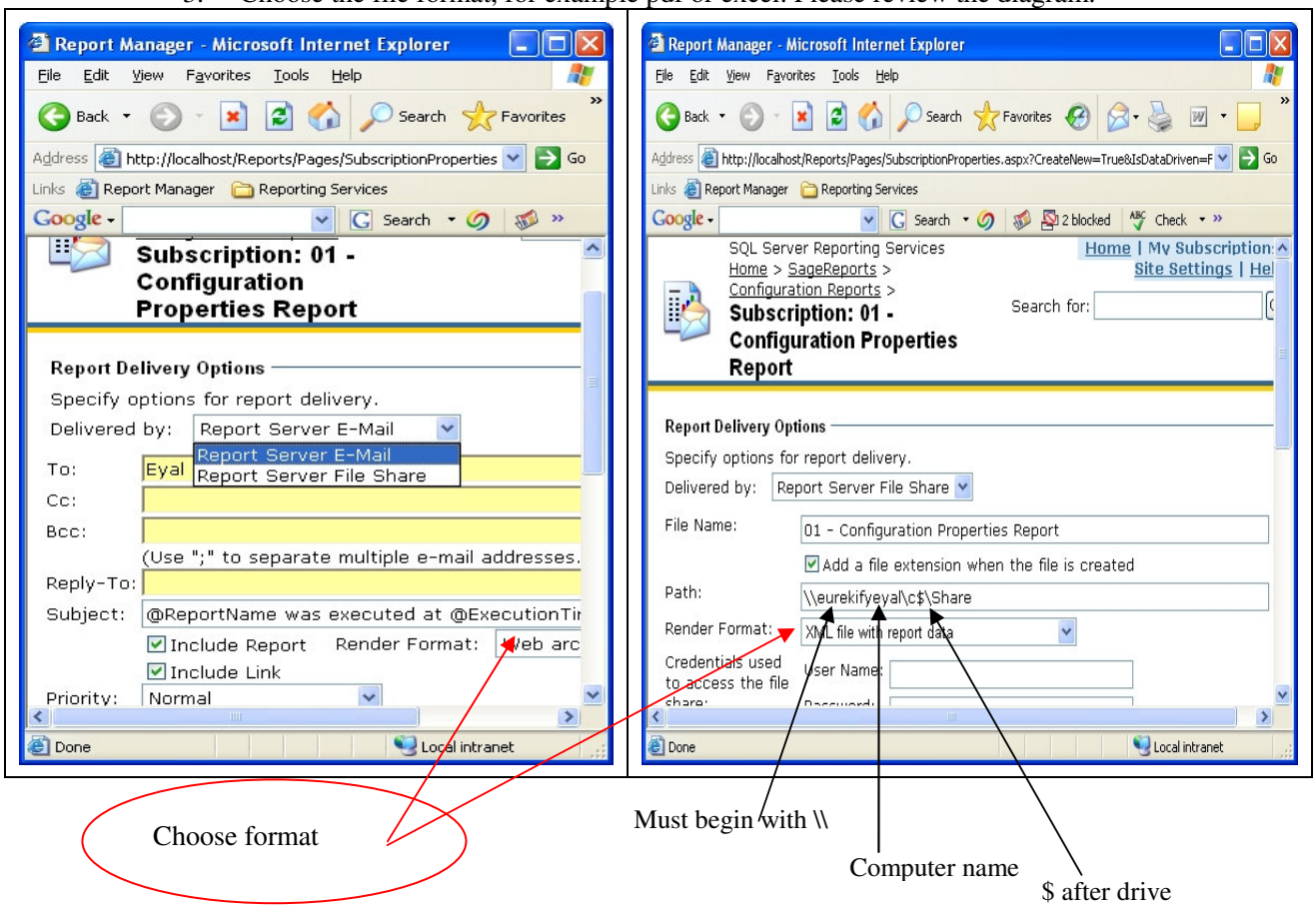
To subscribe to a report:

1. Go to the report to which you want to subscribe.

1. Click on the *New Subscription* button.

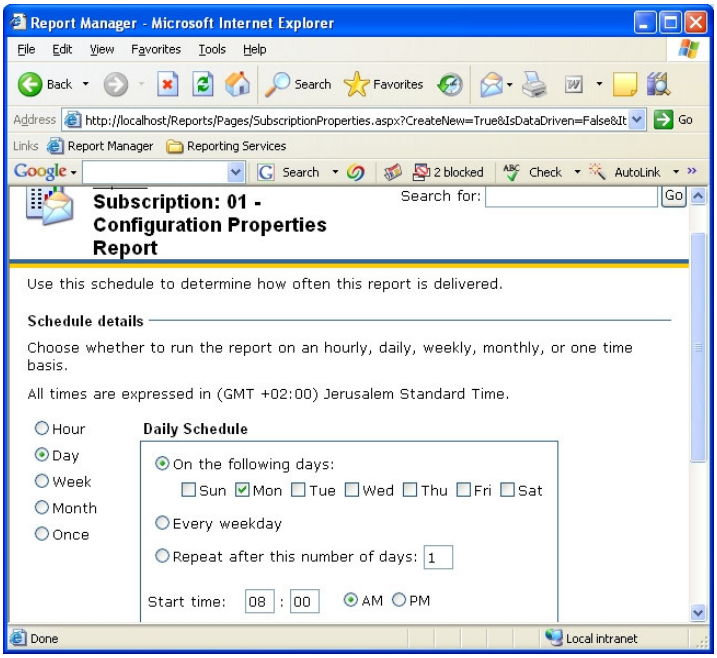
2. Choose the delivery method. If email is chosen, fill in the necessary fields, To/From and so on, for the message.

3. Choose the file format, for example pdf or excel. Please review the diagram.

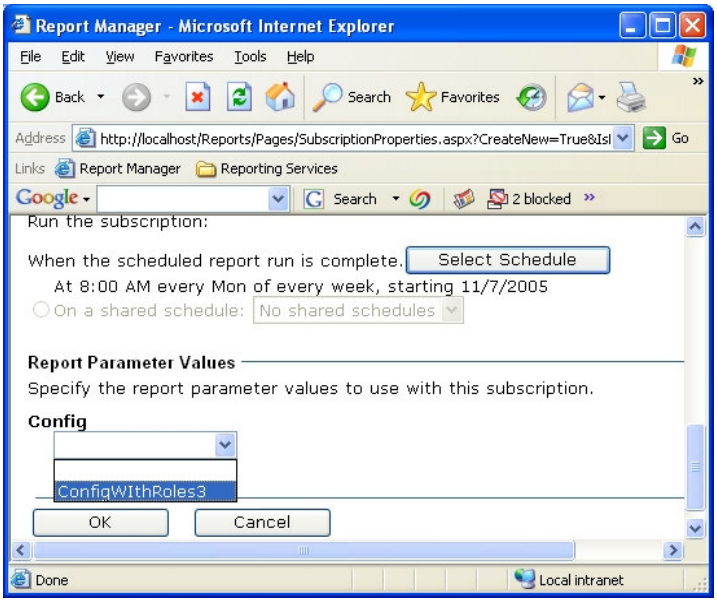


4. If file share is chosen, fill in the path to which the subscribed report will be published and the credentials. The path has to be a UNC path, as illustrated.

5. Press the select schedule button, and choose the desired schedule and click OK.

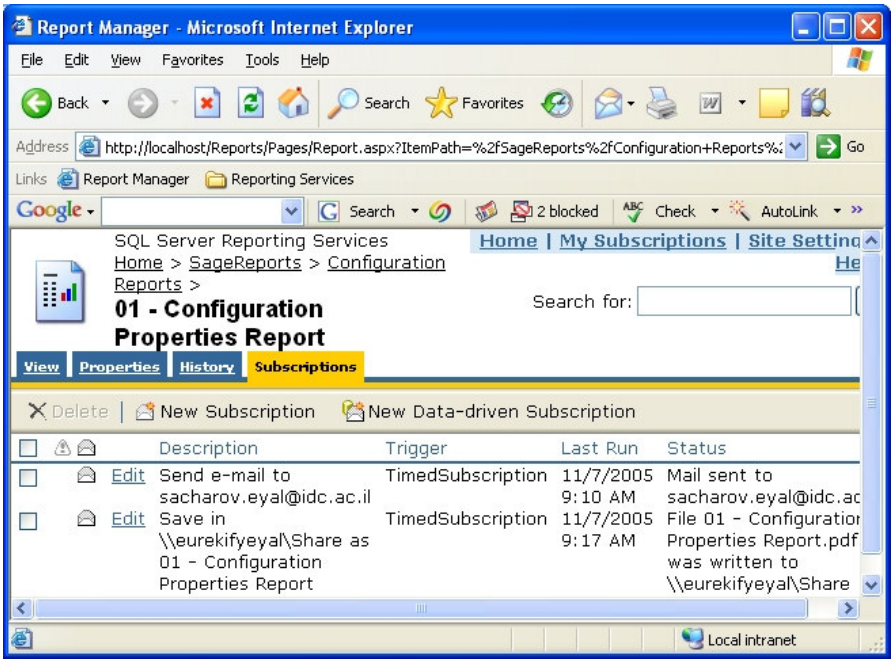

Report Manager - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites
Address http://localhost/Reports/Pages/SubscriptionProperties.aspx?CreateNew=True&IsDataDriven=False&It
Go
Links Report Manager Reporting Services
Google Search 2 blocked Check AutoLink
Search for: Go
Subscription: 01 - Configuration Properties Report
Use this schedule to determine how often this report is delivered.
Schedule details
Choose whether to run the report on an hourly, daily, weekly, monthly, or one time basis.
All times are expressed in (GMT +02:00) Jerusalem Standard Time.
Hour
Day
Week
Month
Once
Daily Schedule
On the following days:
Sun Mon Tue Wed Thu Fri Sat
Every weekday
Repeat after this number of days: 1
Start time: 08 : 00 AM PM
Done
Local intranet

6. Fill in the report parameters. These parameters will be used when the report is generated according to the specified schedule.



7. Click OK to save the subscription.

8. To view current subscriptions and for reports and their status, click on “subscriptions”.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Links Report Manager Reporting Services
Google Search 2 blocked Check AutoLink
SQL Server Reporting Services
Home | My Subscriptions | Site Setting
Home > SageReports > Configuration Reports >
01 - Configuration Properties Report
Search for:
View Properties History Subscriptions
Delete | New Subscription New Data-driven Subscription
Description Trigger Last Run Status
Edit Send e-mail to sacharov.eyal@idc.ac.il TimedSubscription 11/7/2005 9:10 AM Mail sent to sacharov.eyal@idc.ac
Edit Save in \\eurekifyeyal\Share as 01 - Configuration Properties Report TimedSubscription 11/7/2005 9:17 AM File 01 - Configuration Properties Report.pdf was written to \\eurekifyeyal\Share
Local intranet

For more information about subscriptions click the following link:
http://msdn.microsoft.com/library/default.asp?url=/library/en-us/rswork/htm/rms_subscribing_v1_3d68.asp